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USAFETAC/DS-80/039

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

FULDA GERMANY AAF WBAN #35053
N 50 32 E 009 38 ELEV 1010 FT EDEX WMO #

PARTS A-F
POR FROM HOURLY OBS SEP 60-DEC 70
POR FROM DAILY OBS SEP 60-OCT 60, JAN-MAR 61,
JUL 63-FEB 65, MAY-NOV 65,
JAN 66-DEC 70

FEB 08 1972

FEDERAL BUILDING
ASHEVILLE, N. C.

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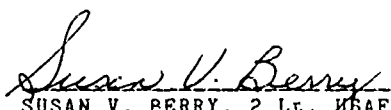
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FOR THE COMMANDER


WALTER S. BURGMANN
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10872-02

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17 DISTRIBUTION STATEMENT of the abstract entered in Block 20, if different from Report																	
18 SUPPLEMENTARY NOTES																	
19 KEY WORDS (Continue on reverse side if necessary and identify by block number)																	
<table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperature</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperature	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative humidity	*Climatological data	(over)
*RUSSWO	Daily temperature	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative humidity	*Climatological data	(over)															
20 ABSTRACT (Continue on reverse side if necessary and identify by block number)																	
<p>This report is a six-part statistical summary of surface weather observations for Fulda AAF, Fulda, Germany</p> <p>It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)</p>																	

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19. Percentqge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* Germany

* Fulda AAF, DL

20. and dew-point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurrence tables.

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DATA PROCESSING DIVISION
USAFETAC OL-1
AIR WEATHER SERVICE (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV -
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS:

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO GN SUMMARY		STATION NAME		LATITUDE		LONGITUDE		STATION ELEV (FT)		CALL SIGN		WMO NUMBER	
35053		FULDA GERMANY AAF		N 50 32		E 009 38		1010		EDEX			
STATION LOCATION AND INSTRUMENTATION HISTORY													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAT				
			FROM	TO			STATION (FT)	HT BAROMETER					
1	Fulda Germany	AAF	Sep 60	Nov 64	N 50 32	E 009 38	1010	N/A	10 to 14				
2	No change	AAF	Dec 64	Dec 65	No chge	No chge	No chge	N/A	24				
3	No change	AAF	Jan 66	5 Jul 66	No chge	No chge	No chge	N/A	13 to 14				
4	No change	AAF	6 Jul 66	Oct 66	No chge	No chge	No chge	995	14				
5	No change	AAF	Nov 66	Nov 67	No chge	No chge	No chge	No chge	24				
6	No change	AAF	Dec 67	3 Feb 69	No chge	No chge	No chge	No chge	17				
7	No change	AAF	4 Feb 69	Dec 70	No chge	No chge	No chge	977	13 to 17				
NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE							
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND								
1	Sep 60 to Dec 62	Located on top of control tower.	AN/GMQ-11	None	54 ft								
2	Jan 63 to 23 Dec 65	Located 100 ft N of overrun to Rnwy 09.	No chge	None	15 ft								
3	29 Dec 65 to Dec 70	Located 337 ft S and 185 ft from end of Rnwy 27	No chge	RO-2	18 ft								

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WEAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

35053

FULLER GERMANY AAF

6-7

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM MONTHLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL	.0	13.1	.7	16.7	.1	29.6	35.5	47.5	.1		54.7	4741
FEB		.1	11.0	.2	15.2		25.5	24.7	39.3			5.7	4343
MAR		.1	12.5	.3	5.2	.1	2.9	17.5	37.6			44.0	4775
APR		.2	15.9		1.5	.1	17.1	16.3	27.5			25.2	4835
MAY		.6	11.1				11.1	11.4	16.2			22.1	5253
JUN		2.5	9.5				9.5	13.2	21.3			27.2	5025
JUL		1.5	9.5				9.5	13.5	17.1			25.5	4893
AUG		1.8	9.8				9.8	19.0	18.2			29.2	5120
SEP		.2	9.1				9.1	26.5	24.7			41.4	4625
OCT		.0	10.9	.1	.1		10.9	31.3	32.9			52.4	5143
NOV			16.4	.5	8.3		24.5	43.9	36.7	.1		61.7	4975
DEC			14.3	.8	15.4		29.3	39.7	42.7	.3		65.6	4539
TOTALS		.6	12.0	.2	5.5	.0	17.2	24.4	30.2	.0		43.4	58854

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USAF ETAC
AIR WEATHER SERVICE/AC

WEATHER CONDITIONS

35053

FELDL GERMANY AAF

01-7

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM FLIGHT OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	0-02		18.4		14.1		32.4	29.7	49.2			19.0	15
	03-05		12.4	.9	14.5		27.2	41.2	36.6			62.0	474
	6-08		11.0	1.1	19.1		30.3	44.3	47.7	.1		49.0	555
	9-11		10.3	.1	21.4		31.6	44.7	50.9	.1		71.2	873
	12-14		10.1	1.2	17.1		27.0	31.9	52.3	.0		67.3	855
	15-17	.1	10.7	1.0	13.1	.1	24.2	25.8	50.6	.1		64.5	63
	18-20		13.3	.7	11.3		25.5	33.9	41.3			61.6	542
	21-23		18.7		22.5	.5	38.5	32.1	51.3			58.3	107
TOTALS		.0	13.1	.7	16.7	.1	29.6	35.5	47.5	.1		64.3	4751

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICES/ AC

WEATHER CONDITIONS

35053 FOLD 76-001 Y AAF 01-7
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM MONTHLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
FEB	00-02	.6	10.7		10.7		21.4	21.2	35.1			4.0	14
	03-05		10.1	.5	15.4		24.1	34.2	33.7			54.0	23
	06-08		11.5	.9	15.3		27.1	41.4	41.5			3.0	7
	09-11		11.9	.1	2.4		31.0	39.4	49.9			64.7	73
	12-14		12.6		15.3		27.0	20.9	46.2			54.0	74
	15-17	.1	12.1		16.2		27.0	15.3	41.4			47.6	739
	18-20		9.0	.4	13.3		24.0	17.7	31.6			42.4	491
	21-23		10.1		11.9		22.0	8.3	32.7			35.1	156
TOTALS		.1	11.0	.2	15.2		25.3	24.7	39.3			50.7	4343

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ETAC

WEATHER CONDITIONS

35053 FOLD- GERMANY AAF 61-7
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM MONTHLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	0-02		13.4		8.6		22.0	11.3	32.3			37.1	100
	03-05		9.5	.3	.5		21.5	29.5	34.7			51.9	40
	06-08		13.6	.1	1.6		24.0	41.4	49.2			64.2	100
	09-11		15.2	.2	1.8		25.4	29.0	52.8			80.4	70
	12-14		12.4	.3	6.9	.1	19.5	11.5	41.0			44.0	844
	15-17		12.7	.2	6.4		18.7	6.3	33.2			35.3	655
	18-20	.4	11.4	1.1	5.9		17.6	7.5	30.7			34.0	544
	21-23		14.0		5.4		19.4	5.9	27.4			29.0	196
TOTALS		.1	12.8	.3	8.2	.0	20.9	17.6	37.6			44.5	4875

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/4AC

WEATHER CONDITIONS

35053

FULDA GERMANY AFB

61-7

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM ROUTE OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR	00-02		15.1		1.6		15.1	15.6	26.3			31.7	100
	03-05		15.0		1.7		16.1	33.0	28.3			46.3	40
	06-08		16.4		2.0		17.9	41.0	20.9			56.1	61
	09-11		15.6		3.3	.1	18.5	20.7	39.3			46.5	70
	12-14		16.0		1.6		19.1	5.6	27.0			29.4	69
	15-17	.6	16.8		1.1		17.7	3.2	20.4			22.7	54
	18-20	1.1	17.1		1.5		18.7	4.3	18.3			21.9	552
	21-23		15.3		1.1		13.9	7.2	22.2			26.7	120
TOTALS		.2	15.9		1.8	.0	17.1	15.3	27.6			35.1	4836

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MA

WEATHER CONDITIONS

35053

FULD, GERMANY AAF

01-70

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM MONTHLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02	.7	11.6				11.6	4.7	7.2			17.1	277
	03-05	.2	9.7				9.7	28.1	22.9			40.4	545
	06-08	.3	14.2				14.2	34.1	33.8			51.7	271
	09-11	.1	14.0				14.0	13.1	26.4			32.7	228
	12-14	1.2	12.9				12.9	4.3	14.1			17.1	332
	15-17	.9	10.1				10.1	3.0	6.5			10.5	54
	18-20	.3	7.5				7.5	2.2	7.5			9.1	638
	21-23	1.3	9.1				9.1	1.7	9.4			10.4	296
TOTALS		.6	11.1				11.1	11.4	16.2			22.6	5253

1 DATA PROCESSING DIVISION
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AIR WEATHER SERVICE/AC

WEATHER CONDITIONS

35053 FULDA GERMANY AAF 01-7
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02	3.2	8.1				8.1	17.6	25.2			32.4	172
	03-05	1.2	9.4				9.4	40.2	31.2			52.0	0
	06-08	.2	9.8				9.8	32.0	38.0			52.4	171
	09-11	.2	9.8				9.8	6.9	26.0			27.9	0
	12-14	2.8	10.0				10.0	1.9	12.2			12.7	500
	15-17	5.4	10.5				10.5	1.3	7.2			7.8	049
	18-20	4.8	10.5				10.5	1.8	9.0			9.8	001
	21-23	2.2	8.0				8.0	3.6	21.4			22.3	224
TOTALS		2.5	9.5				9.5	13.2	21.3			27.3	5035

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WEATHER CONDITIONS

35053 FULDA GERMANY AAF 61-7
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02	2.6	11.1				11.1	10.1	9.5			15.3	100
	03-05	1.3	8.7				8.7	44.2	22.4			55.4	450
	06-08	.5	8.3				8.3	36.5	37.5			56.7	504
	09-11	.5	9.8				9.8	6.1	29.2			38.3	400
	12-14	.9	10.1				10.1	1.6	14.1			15.3	172
	15-17	2.3	9.7				9.7	1.9	9.6			10.6	443
	18-20	1.7	7.1				7.1	2.7	6.8			8.2	508
	21-23	2.1	11.2				11.2	3.2	7.4			9.7	108
TOTALS		1.5	9.5				9.5	13.6	17.1			25.5	4883

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

WEATHER CONDITIONS

35053

FULLA GERMANY AAF

01-7

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBSI TO VISION	TOTAL NO OF OBS
AUG	0-02	4.3	7.0				7.0	19.3	11.8			21.5	106
	3-05	1.5	12.2				12.2	49.7	22.9			56.4	459
	6-08	.7	13.7				13.7	47.6	37.8			59.8	93
	9-11	.2	9.6				9.6	18.8	31.8			41.1	917
	12-14	1.2	10.2				10.2	3.5	15.5			16.9	912
	15-17	2.6	9.8				9.8	2.4	9.5			10.9	570
	18-20	2.4	9.9				9.9	4.0	11.6			14.8	594
	21-23	1.1	5.9				5.9	7.5	10.7			12.3	187
TOTALS		1.8	9.8				9.8	19.0	18.2			29.2	5026

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

WEATHER CONDITIONS

35053 FULDA GERMANY AAF 60-70
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
SEP	00-02		6.5				6.5	32.4	17.3			37.1	145
	03-05	.7	11.5				11.5	56.2	18.3			61.7	420
	06-08	.2	9.4				9.4	62.3	31.0			71.1	55
	09-11	.1	9.9				9.9	36.5	41.7			50.2	915
	12-14	.1	8.8				8.8	5.7	29.7			32.2	593
	15-17	.6	8.8				8.8	2.7	19.2			21.5	254
	18-20		8.7				8.7	4.3	21.2			24.7	562
	21-23		9.2				9.2	12.4	20.0			24.3	155
TOTALS		.2	9.1				9.1	26.5	24.7			41.4	4885

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ AC

WEATHER CONDITIONS

35053
STATION

FLDA GERMANY AAF
STATION NAME

60-70
YEARS

01
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
01	00-02		7.5				7.5	34.9	27.4			45.7	10
	03-05		11.4				11.4	54.2	25.6			64.1	437
	06-08		14.2	.3			14.5	56.4	32.0			69.7	90
	09-11		13.3	.2	.2		13.5	44.4	38.0			65.3	941
	12-14	.1	11.3		.5		11.3	15.8	4.5			48.1	953
	15-17		12.1				12.1	10.7	37.0			42.9	919
	18-20	.2	8.4				8.4	16.9	33.0			45.7	573
	21-23		8.6				8.6	17.2	29.6			36.1	186
TOTALS		.0	10.9	.1	.1		10.9	31.3	32.9			52.4	5143

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

WEATHER CONDITIONS

35053

FOLDA GERMANY AAF

60-7

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	00-02		19.0		9.3		27.9	37.6	34.2			69.9	299
	03-05		16.5	.6	7.5		24.0	32.8	33.3			61.7	410
	06-08		15.5	.7	7.1		22.4	49.5	34.9			63.7	120
	09-11		17.7	.2	7.2		24.3	43.0	34.6			61.4	910
	12-14		17.5		8.1		24.6	30.2	41.2			54.0	171
	15-17		14.9	.4	7.6		22.0	27.5	39.9			52.4	141
	18-20		15.4	1.1	8.9		24.9	36.7	36.5			56.5	526
	21-23		14.4	1.1	11.1		26.7	53.3	35.6	.7		69.3	271
TOTALS			16.4	.5	8.3		24.6	43.9	36.7	.1		61.7	4975

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

WEATHER CONDITIONS

35053

FULLA GERMANY AAF

60-7.

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC	00-02		17.8		14.7		3.9	30.4	48.7	1.		67.7	101
	03-05		10.4	.9	15.9		24.3	44.6	36.6	.2		67.7	424
	06-08		12.7	1.1	17.9		29.9	49.4	39.9	.3		70.1	107
	09-11		13.7	1.2	18.1		31.9	48.3	41.3	.		69.2	930
	12-14		13.9	1.	15.2		29.3	37.5	44.1	.2		65.	173
	15-17		14.2	.7	13.1		27.6	35.3	44.8			66.1	522
	18-20		13.4	.7	14.3		27.8	42.7	37.1			66.2	539
	21-23		16.3	1.1	15.6		32.8	29.0	48.9			59.1	106
TOTALS			14.3	.8	15.4		29.3	39.7	42.7	.3		65.4	4839

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
WEATHER CONDITIONS
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

35053 FULL REPORT AAF 65-67 11
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	DAILY	1.6	55.7	1.6	60.7	1.6	86.9	70.5	86.9			91.8	61
FEB		5.4	35.7	1.8	57.1	3.6	75.0	50.0	76.8	1.0		82.1	56
MAR		6.5	74.2		22.6	6.3	74.2	48.4	58.1			67.7	31
APR			50.0		16.7	3.3	53.3	56.7	66.7			66.7	20
MAY		12.1	57.1	1.1	25.3	2.2	64.8	40.7	53.8			61.5	61
JUN		30.0	63.3			1.7	63.3	53.3	60.0			66.7	60
JUL		19.4	58.1				58.1	58.1	56.5			66.1	62
AUG		19.4	50.0				50.0	67.7	58.1			71.0	62
SEP		5.0	61.7			1.7	61.7	70.0	68.3			73.3	60
OCT			48.4				48.4	75.8	61.3			79.0	62
NOV		7.8	53.3		20.0	1.1	61.1	71.1	65.6			82.2	90
DEC			64.5	3.2	58.1		83.9	80.6	87.1			93.5	31
TOTALS		8.9	55.0	.6	21.7	1.8	65.1	61.9	66.6	.1		75.1	696

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather	From beginning of record thru Jun 52	Snow depth at 0030 GCT
Bureau Stations	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

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1 DATA PROCESSING DIVISION
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AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

38053
STATION

FULDA GERMANY AAF
STATION NAME

63, 65-70
YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	21.0	22.6	6.5	38.9	9.7	1.6	3.2	1.6						56.5	62	1.33	1.81	1.85
FEB	31.6	21.1	3.5	17.5	8.8	8.8	1.8	5.3	1.8					47.4	57	2.48	3.15	1.81
MAR	38.7	6.5	6.5	12.9	9.7	16.1	9.7							54.6	31	2.19	2.19	2.19
APR	38.9	4.4	5.6	20.0	6.7	13.3	10.0	1.1						56.7	90	2.46	3.33	1.49
MAY	40.3	11.3	6.5	4.8	14.5	9.7	9.7	3.2						48.4	62	2.97	2.96	2.17
JUN	36.0	10.0	5.3	12.0	11.3	12.7	4.7	4.0	2.0					52.0	150	3.27	4.39	1.54
JUL	38.7	15.1	5.4	6.5	5.4	14.0	8.6	5.4	1.1					46.2	93	3.40	5.73	1.69
AUG	37.1	13.4	6.5	10.8	7.5	12.4	6.5	5.4	1.1					49.5	186	2.90	4.76	1.41
SEP	45.6	14.4	7.8	8.9	8.9	7.8	5.6		1.1					40.0	90	1.83	2.35	1.03
OCT	41.2	20.6	8.4	12.3	5.8	7.1	3.9	1.6						38.1	153	1.29	2.55	1.43
NOV	31.1	13.3	4.4	15.6	8.9	12.2	12.2	2.2						55.6	90	2.57	3.71	1.47
DEC	17.7	14.5	4.8	21.0	14.5	12.9	3.2	6.3	4.8					67.7	62	4.71	1.37	4.04
ANNUAL	35.0	13.9	5.9	14.7	9.2	12.7	6.6	2.8	1.0					51.1	1128	30.80		

EXTREME VALUE

PRECIPITATION (FROM DAILY OBSERVATIONS)

63-65-70

24 HOUR AMOUNTS IN INCHES

[illegible]

USAF ETAC FORM 0-88-5 (OL)

DATA PROCESSING DIVISION
USAF HTAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

18053 FULDA GERMANY AAF
STATION STATION NAME

63, 65-70
YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

MONTH YEAR	JAN.	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
60									0	0			PRECIP DAYS
61	0	0	0										PRECIP DAYS
63							1.09 30		1.05 29		1.12 28	.28 28	PRECIP DAYS
64	0	0	0	0	0	0	0	0	0	0	0	0	PRECIP DAYS
65	0	0											PRECIP DAYS
66	.21 28	1.12 27	.32 30	.46 29	.49 29					.82 30			PRECIP DAYS
67			.42 30										PRECIP DAYS
68					.54 30		.76 30		.63 28		.23 27	.25 29	PRECIP DAYS
69	.31 29	.32 26	.39 30	.49 28	.21 29		.18 29	1.48 30	.93 29		.31 26	.40 28	PRECIP DAYS
70	.32 29	.76 25	.30 29		.33 28	1.03 29	.69 27		.81 27	.39 27	.33 14	.64 19	PRECIP DAYS
MEAN													
S. D.													
TOTAL OBS.													

1 DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

89053
STATION

FULDA GERMANY AAF
STATION NAME

65-70
YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	48.4	14.5	11.2	21.0	1.6	1.6	1.6							37.1	62	10.6	16.3	4.9
FEB	70.2	17.5	7.0	1.8		3.5								12.3	57	3.9	6.3	1.4
MAR	71.0	19.4	2.2	6.5										9.7	62	1.5	1.9	1.0
APR	76.9	11.1	7.8	2.2										10.0	90	.8	2.3	TRACE
MAY	100.0														31	.0	.0	.0
JUN	100.0														30	.0	.0	.0
JUL	100.0														31	.0	.0	.0
AUG	100.0														30	.0	.0	.0
SEP	100.0														60	.0	.0	.0
OCT	100.0														124	.0	.0	.0
NOV	70.0	11.7	2.2	5.2	3.3	1.7		1.7						18.3	60	7.8	11.7	3.9
DEC	48.4	20.2	17.7	3.2	4.5	1.6								27.4	62	6.2	7.6	4.7
ANNUAL	82.9	7.6	4.2	3.6	.8	.7	.1	.1						9.6	944	30.8		

EXTREME VALUES

35053 FULDA GERMANY AAF
STATION STATION NAME

65-70

YEARS

24 HOUR AMOUNTS IN INCHES

USAF ETAC FORM 0-88-5 (OLI)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

19053 FULDA GERMANY AAF
STATION STATION NAME

65-70
YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
60									0	0			SNOWFALL DAYS
61													SNOWFALL DAYS
62	0	0	0										SNOWFALL DAYS
63							0	0	0	0	0	0	SNOWFALL DAYS
64	0	0	0	0	0	0	0	0	0	0	0	0	SNOWFALL DAYS
65	0	0			0		0				2.9		SNOWFALL DAYS
66	0	0			0						22		SNOWFALL DAYS
67	0	0	0	0	30.0	13.0	0	0	0	0			SNOWFALL DAYS
68					30.0		30.0		28.0		.6	1.8	SNOWFALL DAYS
69	.1	3.8	1.8	.9	TRACE		30.0		28.0		28	29	SNOWFALL DAYS
70	29	26	30	28	30		29		29.0		27	29	SNOWFALL DAYS
	3.2	3.5	3.0		2.2		28.0		27.0	28.0	TRACE	2.3	SNOWFALL DAYS
	29	25	29								14	22	
MEAN													
S.D.													
TOTAL OBS.													

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

35053 FULDA GERMANY AAF

64-70

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	66.1	1.0	6.5	4.8	12.9	8.1								32.9	62			
FEB	74.1		5.9	10.6	8.2			1.2						25.9	85			
MAR	98.9		1.1											1.1	99			
APR	100.0														120			
MAY	100.0														62			
JUN	100.0														150			
JUL	100.0														31			
AUG	100.0														184			
SEP	100.0														30			
OCT	100.0														93			
NOV	61.7		6.7	1.7										8.9	60			
DEC	73.1		9.7	11.8	3.2	2.2								26.9	93			
ANNUAL	92.0	.1	2.5	2.4	2.0	.9		.1						7.9	1003			

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION 00053 FULDA GERMANY AAF

60-61, 64-70

YEARS

DAILY SNOW DEPTH IN INCHES
/BASED ON LESS THAN FULL MONTH/

MONTH YEAR	JAN	FEB	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP	OCT.	NOV	DEC	ALL MONTHS
60									0	TRACE			SNO DPTH DAYS
61	25	2	1	0					20	26			SNO DPTH DAYS
63							0	0	0	0	0	0	SNO DPTH DAYS
64	29	2	3		29	0	29	0	27	0	28	0	SNO DPTH DAYS
65	30	3			0	0	0		0	0	0		SNO DPTH DAYS
66	0	0	0	0		0	0	0	0	0			SNO DPTH DAYS
68					0		0		0		TRACE	3	SNO DPTH DAYS
69	30	3	12	TRACE	29	0	30		28	0	28	30	SNO DPTH DAYS
70	30	10	26	30	29	0	29		29	0	28	29	SNO DPTH DAYS
	30	26	30		28		28		27	0	30	29	SNO DPTH DAYS
MEAN													
S.D.													
TOTAL OBS.													

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VAREL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

EXTREME VALUES

SURFACE WINDS

13052 FULDA GERMANY AAF
STATION STATION NAME

66-70

YEARS

DAILY PEAK GUSTS IN KNOTS

[illegible]

USAF ETAC FORM 0-88-5 (OLI)

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

35053 FULDA GERMANY AAF
STATION STATION NAME

66-70

YEARS

DAILY PEAK GUSTS IN KNOTS
/BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/

[illegible]

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMAN AAF
STATION NAME

6-7
YEARS

LL
MONTH

ALL WEATHER
CLASS

LL
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.5	1.6	.3	.0							2.4	5.6
NNE	.5	1.4	1.2	.8	.0							4.2	7.2
NE	.3	.8	1.2	.5	.0							2.4	7.4
ENE	.2	.3	.4	.2	.0	.0	.0					1.2	7.9
E	.4	.4	.3	.1	.0							1.1	5.6
ESE	.4	.4	.3	.1	.0							1.2	5.2
SE	.8	.7	.3	.1	.0	.0						1.0	4.0
SSE	1.1	1.2	.6	.2	.0	.0						3.0	5.1
S	1.9	4.1	3.2	1.1	.0	.0						15.3	6.4
SSW	1.0	2.0	3.4	1.4	.1	.0	.0					8.5	7.7
SW	.6	2.3	3.8	2.6	.5	.2	.1	.0	.0			3.3	9.3
WSW	.3	1.4	2.5	1.8	.3	.0	.0	.0	.0			6.8	9.1
W	.6	1.6	2.7	1.7	.2	.0	.0	.0				3.7	3.5
WNW	.2	1.2	1.2	.6	.1	.0	.0					3.7	7.4
NW	.9	1.9	1.3	.5	.1	.0						4.7	4.6
NNW	1.2	1.9	.9	.2	.0	.0						4.2	3.3
VARBL	3.2	1.0	.3	.2	.0							4.1	3.3
CALM												19.4	
	15.7	25.6	25.7	11.9	1.3	.3	.1	.0	.0			100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 52554

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

35053 FULDA GERMANY AAF

51-7-

ALL WEATHER

CLASS

CONDITION

MOONTH

HOURLS (LST)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.0	1.8	.2								5.2	5.7
NNE	.7	1.6	1.6	.5								4.2	5.0
NE	.1	.5	.7	.2								1.7	7.1
ENE	.1	.3	.2	.1								.7	7.3
E	.2	.3	.0									.6	4.4
ESE	.7	.4	.1									1.2	3.6
SE	1.2	.0	.2									2.1	3.7
SSE	1.5	1.3	.6	.1	.0							3.5	4.6
S	2.6	6.0	4.7	1.3	.2	.0						14.8	6.4
SSW	1.1	3.3	3.5	1.2	.4	.2	.0					9.6	8.0
SW	.8	2.5	3.4	2.6	1.0	.3	.1					11.3	10.1
WSW	.4	1.3	1.8	1.2	.2	.1	.0					5.0	8.1
W	.5	1.1	1.9	1.8	.2		.0	.0				5.3	9.3
WNW	.5	1.0	.9	.5	.1	.0						3.0	7.4
NW	1.4	2.0	.5	.3	.1	.0						3.9	5.4
NNW	1.1	1.1	.6	.1	.0							3.0	5.0
VARBL	2.9	.3										3.2	2.3
CALM												21.9	
	16.2	25.8	22.6	10.0	2.3	.7	.2	.0				100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 4751

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FOLDA GERMANY AAF
STATION NAME

51-7
YEARS

SE
MONTH

ALL WEATHER
CLASS

12
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	3.5	2.1	.6	.2							7.5	5.0
NNE	.6	1.4	2.2	.7								4.8	7.4
NE	.1	.9	1.2	.4	.4							2.7	7.9
ENE	.1	.2	.6	.2	.3							1.2	1.0
E	.3	.4	.2	.3								.9	5.2
ESE	.4	.4	.1	.3								.9	4.7
SE	.5	.7	.2									1.4	4.4
SSE	1.3	1.8	.9	.2								4.2	5.2
S	1.9	4.1	2.7	1.0	.0							9.6	6.2
SSW	.9	2.7	2.4	1.4	.1	.1	.0					7.6	7.5
SW	.7	2.3	2.9	3.0	.4	.3	.1	.1	.0			9.9	13.1
WSW	.5	.9	1.7	1.9	.2	.0						5.3	9.6
W	.6	1.6	2.3	2.2	.2	.0	.0					6.9	9.1
WNW	.6	1.5	1.0	.6	.2	.0	.0					4.0	7.9
NW	.8	2.5	1.4	.7	.2	.1						5.5	7.1
NNW	1.6	3.0	1.2	.2	.0	.0						6.5	5.2
VARBL	1.8	.4										2.2	2.5
CALM												19.0	
	14.1	28.1	23.2	13.1	1.5	.6	.2	.1	.0			100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 4343

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35053 STATION NAME FULDA GERMANY AAF YEARS 61-7 MONTH 1

ALL WEATHER CLASS

CONDITION

HOURLS (LST)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N	1.0	2.5	1.7	0.5								5.7	5.7
NNE	0.3	1.4	3.9	1.4								6.9	2.4
NE	0.3	0.8	2.4	1.2								4.7	2.5
ENE	0.2	0.4	0.3	0.3								1.2	7.4
E	0.3	0.3	0.5	0.1								1.1	6.2
ESE	0.3	0.4	0.3	0.2								1.1	6.4
SE	1.0	0.7	0.2	0.2								2.1	4.7
SSE	1.1	1.3	0.8	0.2	0.0							3.3	5.5
S	1.6	3.7	3.2	1.4	0.1							9.9	6.3
SSW	0.8	2.4	2.8	1.8	0.1	0.0						7.9	7.9
SW	0.7	1.8	3.7	3.1	0.4	0.1						9.7	9.5
WSW	0.4	1.3	2.7	2.2	0.4	0.1						7.0	9.7
W	0.4	1.3	2.9	3.1	0.4	0.1	0.0					8.2	10.2
WNW	0.3	1.2	1.4	1.1	0.2	0.0						4.3	3.9
NW	0.8	2.0	1.7	1.4	0.2	0.0						6.1	7.9
NNW	0.7	1.4	0.9	0.4								3.5	6.3
VAR2.	2.1	0.3										2.4	2.3
CALM												14.4	
	2.2	23.2	29.2	18.6	1.7	0.3		0.0				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 4375

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/TAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-7.
YEARS

MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.4	3.3	3.2	.8								5.2	6.4
NNE	.4	1.3	2.1	1.2	.1							5.1	5.2
NE	.5	.7	1.3	.9	.5							5.4	5.7
ENE	.3	.4	.6	.3	.1	.1	.1					1.7	5.4
E	.3	.3	.3	.1								1.1	5.3
ESE	.3	.4	.3	.1								1.1	5.2
SE	.6	.4	.4	.1								1.9	5.1
SSE	.9	.9	.7	.3								2.6	5.4
S	1.1	2.2	2.3	1.2								7.1	6.7
SSW	.6	2.1	2.6	.5	.1							7.2	7.9
SW	.6	1.9	3.9	3.0	.3	.1	.0					5.4	9.4
WSW	.4	1.3	2.7	1.9	.3	.3	.0					5.8	9.4
W	.6	1.6	3.1	1.9	.4	.0						7.4	8.7
WNW	.5	1.4	1.0	.6	.1							3.7	7.2
NW	.8	2.4	2.2	1.1	.2	.0						6.5	7.6
NNW	1.3	2.6	1.6	.4	.1							6.0	5.6
VARBL	2.0	1.0										3.8	2.7
CALM												14.9	
	13.6	26.0	28.5	14.9	1.7	.3	.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

4836

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35053 STATION NAME FULDA GERMANY AAF YEARS 61-70 MONTH ALL
CLASS ALL WEATHER HOURS (LST) ALL
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.8	1.9	.5	.0							6.7	5.9
NNE	.3	1.3	1.3	.2								3.2	6.3
NE	.2	.6	1.2	.5								2.6	7.4
ENE	.2	.3	.6	.5								1.6	8.2
E	.2	.7	.5	.1								1.6	8.2
ESE	.3	.6	.8	.2	.0							2.4	7.7
SE	.6	.9	.5	.3	.0							2.4	6.1
SSE	1.0	1.1	.8	.3								3.2	5.3
S	1.4	2.7	2.4	.6	.0							7.1	6.4
SSW	.7	1.8	3.0	1.0	.1							6.6	7.7
SW	.7	2.0	3.6	2.2	.2							8.9	3.7
WSW	.6	1.3	2.3	2.0	.3	.1						6.6	9.2
W	.7	1.8	2.9	1.7	.3							7.4	8.7
WNW	.5	1.6	2.2	1.2	.1		.0					5.7	8.2
NW	.6	2.2	2.6	1.1	.1							6.7	7.7
NNW	1.2	2.5	1.3	.6	.1							5.6	6.2
VARBL	3.9	3.1	.2	.0								5.3	2.8
CALM												1.2	
	14.8	25.5	28.2	13.1	1.2	.1	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 5253

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-7
YEARS

MONTH

ALL WEATHER
CLASS

LL

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	2.8	2.5	.3	.0							7.7	5.5
NNE	.5	1.6	2.0	.8								4.8	7.4
NE	.4	.9	1.8	1.0	.0							4.1	4.1
ENE	.2	.3	.8	.6	.0							2.0	4.1
E	.4	.5	.6	.2	.1							1.7	5.1
ESE	.4	.3	.5	.1								1.3	5.0
SE	.5	.8	.2	.0								1.5	4.1
SSE	.9	1.3	.5	.1								2.7	3.0
S	1.4	2.7	2.0	.3								6.4	3.1
SSW	.8	2.1	2.6	.7								6.1	7.1
SW	1.0	2.5	3.2	1.5	.1			.0				4.2	7.1
WSW	.7	1.8	2.8	1.1	.0							6.4	7.1
W	.7	2.1	2.6	1.1	.2	.0						6.7	7.9
WNW	.7	1.7	1.7	.7	.0							4.3	7.1
NW	.7	2.5	1.9	.5	.1							5.7	6.7
NNW	1.2	2.3	1.4	.2								5.2	3.6
VARBL	4.4	1.8	.5	.1								6.4	3.3
CALM												18.6	
	16.2	28.0	27.5	9.2	.5	.0		.0				102.7	5.4

TOTAL NUMBER OF OBSERVATIONS

5035

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35053 STATION NAME FULDA GERMANY AAF YEARS 01-7 MONTH ALL
CLASS ALL WEATHER HOURS (LST) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.5	1.2	.1								5.4	5.1
NNE	.7	1.4	.9	.1								3.1	5.4
NE	.4	.7	.6	.1								1.8	5.7
ENE	.2	.3	.2	.1								.7	5.6
E	.5	.6	.1									1.2	4.3
ESE	.4	.3	.3	.1								1.2	4.3
SE	.8	.7	.2									1.5	3.9
SSE	.6	.7	.4	.1								2.2	4.3
S	1.7	2.7	1.5	.2								5.2	5.3
SSW	1.5	2.6	2.7	.7	.0							7.2	6.9
SW	.9	2.4	3.8	1.8	.1	.1						9.1	8.1
WSW	.7	1.9	3.7	1.9	.3	.0						8.2	8.8
W	.7	2.7	4.8	1.4	.1							9.6	7.7
WNW	.6	2.0	2.5	.5								5.7	6.9
NW	.9	2.2	2.0	.7								5.9	6.7
NNW	1.2	2.2	1.2	.1								4.7	5.3
VARBL	3.5	2.2	1.7	1.0								8.4	5.3
CALM												18.7	
	16.3	28.1	27.8	8.4	.9	.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 4823

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35053 STATION NAME FULDA GERMANY AAF YEARS 61-7 MONTH ALL
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.1	1.4	.0								5.0	5.2
NNE	.6	1.1	1.2	.1								2.9	5.9
NE	.3	1.0	.9	.2								2.3	6.5
ENE	.1	.4	.6	.1								1.2	7.2
E	.5	.5	.3	.0								1.3	5.0
ESE	.4	.4	.3	.0								1.2	5.0
SE	.8	.6	.3									1.8	4.8
SSE	1.1	1.0	.5	.1								2.7	4.4
S	1.9	4.1	3.0	.4								9.4	5.0
SSW	.8	2.3	3.2	.9	.0							7.3	7.2
SW	.9	2.4	5.3	2.3	.1							11.1	5.4
WSW	.7	1.5	3.5	2.0	.1							7.7	5.6
W	.7	2.1	3.1	1.3	.1							7.3	7.7
WNW	.6	1.2	1.2	.4								3.3	6.5
NW	.7	1.8	1.2	.1	.0							3.8	5.9
NNW	1.3	1.9	.9	.1								4.1	4.9
VARBL	4.7	1.9	.5	.1								7.2	3.3
CALM												20.6	
	17.3	26.4	27.2	8.1	.3							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 5026

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

63-7
YEARS

350
MONTH

ALL WEATHER
CLASS

ALL
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.4	1.1	.1								5.2	4.9
NNE	.6	1.1	1.3	.2								3.2	6.3
NE	.3	.6	.7	.2								1.2	6.5
ENE	.3	.5	.2	.1								1.7	5.6
E	.4	.5	.1									1.7	4.1
ESE	.0	.3	.3	.1								1.3	5.5
SE	.9	.9	.3	.1								2.2	4.7
SSE	1.1	1.3	.6	.1								3.7	5.1
S	2.1	4.3	3.8	1.3	.6							11.5	6.5
SSW	1.1	3.0	4.1	1.3	.0							9.6	7.2
SW	.9	2.4	4.5	2.1	.1							10.1	8.2
WSW	.6	1.0	2.9	1.7	.2	.0						6.5	9.0
W	.6	1.3	2.1	1.3	.1							5.6	9.2
WNW	.5	.6	.8	.2								2.1	6.5
NW	.8	1.1	.6	.1								2.6	3.3
NNW	1.3	1.4	.3	.0								3.1	4.0
VARBL	3.8	1.2	.4	.5								5.9	3.2
CALM												24.2	
	17.7	23.8	24.2	9.5	.6	.0						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 4985

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35053 STATION NAME FULDA GERMANY AAF YEARS 60-70
CLASS ALL WEATHER
CONDITION
NORTH
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.1	1.0	.1								4.7	3.1
NNE	.4	1.4	1.8	.3								3.8	7.1
NE	.2	.9	2.2	.1								2.3	5.7
ENE	.2	.2	.2	.1								.5	5.7
E	.3	.2	.1									.5	3.5
ESE	.0	.3	.1	.1								1.1	4.3
SE	1.1	.7	.2	.1								1.9	4.3
SSE	1.1	1.2	.4		.0							2.6	4.3
S	2.3	4.7	4.1	1.8	.0							12.9	5.4
SSW	1.1	2.8	4.0	1.9	.2	.0	.0					10.7	5.7
SW	1.1	3.1	4.4	3.2	.5	.2	.0					12.3	5.9
WSW	.4	1.7	2.9	1.4	.1	.0		.0				6.5	8.5
W	.5	1.2	2.1	1.7	.1		.0					5.4	4.3
WNW	.4	.6	.4	.4	.0							1.9	7.2
NW	.7	1.3	.4	.3	.0							2.7	5.0
NNW	1.1	1.2	.4	.0								2.8	4.5
VARBL	3.3	.6	.3	.4	.1							4.7	4.0
CALM												23.6	
	15.8	24.0	23.9	11.3	1.0	.3	.1	.0				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 5143

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

60-70
YEARS

MONTH

ALL WEATHER
CLASS

-LL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.9	.5	.4								2.2	4.5
NNE	.5	1.3	2.0	.7	.0							4.1	7.2
NE	.5	.7	1.7	.0	.0							3.5	7.5
ENE	.1	.4	.4	.5	.4							1.5	3.4
E	.0	.4	.4	.3								1.5	5.9
ESE	.4	.4	.1	.1								1.2	4.7
SE	.4	.8	.2	.0		.0						1.4	4.7
SSE	.1	.9	.4	.2	.0							2.6	5.1
S	1.0	4.9	4.6	2.3	.1	.0						13.6	7.2
SSW	1.4	2.5	5.4	2.2	.3	.1						12.2	7.9
SW	.5	2.6	4.1	3.5	1.1	.3	.1	.0				12.7	10.3
WSW	.5	1.0	1.9	1.9	.4	.1	.0					5.6	9.3
W	.7	1.2	1.7	.9	.1							4.6	7.5
WNW	.5	.6	.4	.4	.1							1.9	5.9
NW	1.2	1.5	.2	.1								3.0	4.5
NNW	1.4	1.9	.2	.1								3.5	4.2
VARBL	1.6	.5	.2	.4	.0							2.2	4.9
CALM												19.6	
	14.8	24.5	24.4	13.7	2.3	.6	.1	.0				106.0	6.2

TOTAL NUMBER OF OBSERVATIONS 4975

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053 STATION FULDA GERMANY AAF 50-7 YEARS MONTH NORTH
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	2.4	.8	.1								5.4	4.4
NNE	.6	1.5	1.5	.5								4.1	7.1
NE	.1	.7	.9	.3	.0							2.1	7.2
ENE	.1	.4	.2	.1								.7	7.2
E	.2	.3	.1	.1								.4	5.5
ESE	.6	.2	.0									.9	3.5
SE	.8	.5	.1	.0								1.4	3.7
SSE	1.4	1.2	.5	.2		.0						3.4	4.5
S	3.2	6.1	3.8	1.1	.0							14.2	5.9
SSW	1.2	3.0	3.7	2.4	.3	.0						10.6	8.1
SW	.7	1.7	3.1	3.2	1.1	.6	.2					10.6	11.4
WSW	.5	1.0	1.7	2.3	.3	.1	.0					6.7	10.1
W	.6	1.1	2.5	2.0	.2		.0					6.3	9.2
WNW	.6	1.1	1.0	.8	.1		.0					3.7	7.3
NW	1.5	1.2	.5	.2	.0	.0						3.5	5.0
NNW	1.2	1.3	.4	.1	.0							3.0	4.6
VARBL	3.1	.6	.1	.0								3.4	2.0
CALM												19.4	
	18.5	24.2	21.1	13.3	2.0	.8	.3					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 4639

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

63-65,67
YEARS

MONTH

ALL WEATHER
CLASS

2000-02
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.6	.5									3.2	4.3
NNE	2.2	1.6	1.6									5.4	5.2
NE			1.1									1.1	2.7
ENE													
E													
ESE	.5	.5										1.1	3.2
SE	2.2	.5										2.7	3.4
SSE	3.6	1.6										5.4	3.4
S	4.3	7.6	3.2	.5								15.7	5.2
SSW	1.1	4.3	3.8	.5	.5							10.3	7.1
SW		3.2	1.6	2.7	1.1							8.6	9.3
WSW		1.6	4.3	1.6	.5							3.1	9.6
W	.5	.5	3.8	6.5								11.4	10.5
WNW	.5		.5	.5								1.6	8.3
NW	1.6	1.6										3.2	3.5
NNW	2.2	.5										2.7	2.8
VARBL													
CALM												19.9	
	20.5	25.4	20.5	12.4	2.2							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 195

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

62-65, 67-70
YEARS

NORTH

ALL WEATHER
CLASS

2 000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.6	1.2	.2								4.4	5.5
NNE	.7	1.4	1.2									3.2	3.6
NE		.7			.2							.9	1.0
ENE		.2			.2							.5	1.1
E	.5											.5	2.3
ESE	.9	.2										1.2	2.4
SE	2.1	.9										2.7	2.4
SSE	.7	1.4	.5									2.5	4.9
S	3.7	8.3	3.5	.7								16.1	5.5
SSW	1.6	3.9	3.7	.9	.9							11.1	7.5
SW	.5	4.1	3.2	3.0	1.4	.2						12.4	5.6
WSW	.9	.9	1.6	1.2	.2							4.8	4.1
W	.2	.5	3.0	2.3	.2							6.2	9.9
WNW	.9	.7		1.4								3.0	4.1
NW	.5	2.1	.2									2.8	4.5
NNW	1.2	.2	.7									2.1	4.7
VARBL	3.7											3.7	1.9
CALM												21.7	
	19.4	27.2	18.7	9.7	3.2	.2						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 434

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-70
YEARS

MONTH

ALL WEATHER
CLASS

6
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	2.9	1.3	.4								5.5	5.7
NNE	.7	.7	2.0	.1								3.3	6.1
NE	.2	.7	.4	.2								2.5	5.7
ENE	.1	.1		.2								.3	1.5
E	.4	.5	.1									.3	4.1
ESE	.5	.2	.1									.5	4.1
SE	1.4	.5	.2									2.1	3.5
SSE	1.0	1.5	.9	.1								4.2	4.5
S	3.1	4.4	4.6	1.5	.2							13.8	6.7
SSW	1.2	3.2	2.8	.9	.7							8.8	7.6
SW	1.1	2.0	4.2	3.4	1.3	.1						12.7	10.1
WSW	.5	1.4	1.2	.9								4.2	7.6
W	1.1	.4	1.1	.5	.2							3.2	7.4
WNW	.4	.7	1.3	.6	.1	.1						3.2	8.9
NW	.9	1.3	.5									2.7	4.7
NNW	1.5	.7	.5									2.7	4.2
VARBL	4.2	.1										4.3	2.1
CALM												25.3	
	19.6	21.3	21.1	8.9	2.6	.2						100.7	5.2

TOTAL NUMBER OF OBSERVATIONS 255

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053 STATION FULDA GERMANY AAF 51-77
STATION NAME YEARS MONTH 9-12
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.2	1.5	.1								4.4	5.9
NNE	.6	1.4	1.5	.3	.1							3.9	5.9
NE	.2	.6	.5	.2								3.5	5.9
ENE	.1	.6	.1	.1								.9	2.7
E	.1											.1	2.0
ESE	.0	.2										1.0	2.0
SE	1.4	1.1										2.5	3.4
SSE	1.7	1.4	.3	.2	.1							3.7	4.3
S	2.4	6.0	4.9	1.1	.6	.1						15.1	5.9
SSW	1.0	2.6	3.4	1.4	.5							5.9	5.9
SW	.6	1.7	3.1	3.1	.5	.8	.3					12.1	11.5
WSW	.3	.8	1.2	1.0	.1	.2						4.1	5.3
W	.3	.8	1.3	.9	.2							3.6	9.2
WNW	.0	.9	1.5	.1	.2							3.3	7.2
NW	1.0	1.5	.7	.1								3.3	4.9
NNW	1.4	1.3	.2	.2								3.1	4.6
VARBL	2.4	.6										3.3	2.4
CALM												27.5	
	15.6	23.6	20.6	8.5	2.3	1.1	.3					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 373

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35053 FULDA GERMANY AAF YEAR 51-72 MONTH 12-14
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.6	2.8	.2								5.3	4.0
NNE	.1	1.8	1.3	.7		.1						4.8	7.7
NE	.2	.3	.6	.6								1.9	7.7
ENE	.1	.4	.7	.1								1.3	7.5
E	.1	.7	.1									.9	4.9
ESE	.6	.4	.2									1.4	3.9
SE	.5	.9	.4									1.8	4.7
SSE	1.2	.9	.6	.1								2.8	4.7
S	1.6	5.1	5.8	1.6								14.3	6.3
SSW	.6	3.2	3.4	1.6	.2	.4	.1					7.5	7.8
SW	.6	3.2	3.4	1.6	1.2	.5	.2					10.6	10.1
WSW	.2	1.1	2.5	.5	.4	.2	.1					4.9	10.1
W	.2	1.2	2.2	2.2	.1			.1				6.1	10.1
WNW	.5	.8	.9	.5	.1							2.8	5.2
NW	1.2	2.7	.4	.4	.2							4.8	5.7
NNW	.7	1.4	.4	.4	.1							2.9	6.0
VARIABLE	2.9	.5										3.4	2.4
CALM												21.1	
	12.5	26.2	25.6	10.5	2.3	1.2	.5	.1				100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 355

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35053 STATION NAME FULDA GERMANY AAF YEARS 61-7 NORTH 15°-17°
CLASS ALL WEATHER HOURS (L & T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.9	2.9	.4								5.9	5.2
NNE	.5	2.2	1.8	.6								5.2	5.2
NE		.4	1.8	.4	.1							2.7	5.2
ENE		.5	.1	.1								.7	7.1
E		.4										.4	4.7
ESE	.4	.7	.1									1.2	4.4
SE	.6	.6	.2									1.4	4.4
SSE	1.2	1.4	.5									3.1	4.3
S	3.1	5.8	4.0	1.3	.1							14.2	6.1
SSW	.7	4.2	3.0	1.3		.7						10.3	8.2
SW	.5	3.3	3.4	2.3	1.4	.2	.1					11.2	10.1
WSW	.5	1.7	1.3	1.4	.4							5.3	9.2
W	.5	2.2	2.0	2.2	.1		.1					7.1	9.1
WNW	.7	1.8	.8	.1								3.5	5.3
NW	1.3	3.1	.6	.4	.1	.1						5.3	6.7
NNW	.4	1.4	1.4									3.3	5.9
VARBL	2.5	.4										2.9	2.5
CALM												15.7	
	14.2	31.9	24.1	10.5	2.3	1.1	.2					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 836

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

33053
STATION

FOLDA GERMANY AAF
STATION NAME

62-7
YEARS

NORTH

ALL WEATHER
CLASS

1-1-2
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.5	1.5	.2								4.4	3.1
NNE	.6	2.8	1.1	.2								4.6	5.1
NE	.2	.7	.2									1.1	5.3
ENE													
E	.4	.2		.2								.7	5.1
ESE	.9	.2	.6									1.7	3.9
SE	1.5	.7	.4									2.6	3.7
SSE	2.1	1.3	1.3									4.6	4.4
S	2.4	7.0	4.6	1.5								15.5	6.1
SSW	.7	3.3	5.4	1.1	.4							10.9	7.5
SW	1.8	.9	2.6	3.3	.4	.2						9.9	9.1
WSW	.4	.3	1.7	1.7	.4							3.4	9.3
W	.6	1.3	1.5	1.8	.2							5.3	9.1
WNW	.4	1.1	.6	.6								2.6	5.7
NW	1.3	1.8	1.1	.9								5.2	6.2
NNW	1.2	1.1	.6	.4								3.3	5.6
VARBL	3.9	.2										4.1	2.2
CALM												19.0	
	19.6	22.6	22.9	11.4	1.3	.2						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 542

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35053 FULDA GERMANY AAF 630567 YEARS _____ MONTH _____
STATION NAME _____
CLASS ALL WEATHER HOURS (L & T) 2100-2300
CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.0	.5									3.7	4.1
NNE	2.1	.5	3.2									5.9	5.7
NE		1.1	.5									1.6	5.3
ENE	1.1											1.1	3.0
E		.5										.5	5.0
ESE	1.0	.5										2.1	2.0
SE	.5											.5	2.0
SSE	.5	1.1	.5									2.1	5.0
S	.5	9.6	5.9	1.1								17.1	6.3
SSW	2.1	1.0	3.2	1.0								8.6	7.5
SW	1.1	1.1	6.4	1.0	1.1							11.2	9.1
WSW	.5	2.1	2.7	4.3								9.6	9.7
W	.5	1.6	4.3	1.0	.5							8.6	9.1
WNW		1.1	1.1	.5								2.7	7.4
NW	1.1	1.1	.5									2.7	4.5
NNW	2.1	2.1	.5									4.8	4.1
VARBL													
CALM												17.1	
	15.5	25.7	29.4	10.7	1.0							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 187

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

55,67
YEARS

FE
MOUTH

ALL WEATHER
CLASS

000-12
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	3.0	6.0									12.5	3.7
NNE	.6	.6	.6									1.2	3.7
NE		1.8	1.2									3.0	6.0
ENE		.6	1.2	.6								2.4	4.5
E	.6	.6										1.2	4.5
ESE													
SE	1.2	.6										1.2	3.0
SSE	3.6	1.2										4.8	3.1
S	3.6	1.8	2.4	2.4								12.0	5.5
SSW	1.2	1.2	1.8	.6	.6							5.4	3.0
SW	.6	1.8	.6	1.2	.6							4.8	4.6
WSW	1.2		2.4	4.8	.6							8.9	10.1
W		1.2		4.2								5.4	11.3
WNW	1.2	3.6	1.8									6.5	5.4
NW	1.8	3.6	.6									6.0	4.7
NNW	1.8	6.0	.6									8.5	4.2
VARBL													
CALM												17.3	
	20.8	27.4	19.0	13.7	1.8							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 168

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/VAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

39053
STATION

FULDA GERMANY AAF
STATION NAME

61-65, 67-71
YEARS

MONTH

ALL WEATHER
CLASS

30-05
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	4.8	1.8	.3								5.4	5.1
NNE	.5	1.0	1.8	.8								4.1	5.1
NE	.3	.8	1.5									2.5	6.2
ENE			.5									.5	7.1
E				.3								.3	12.2
ESE	.3											.3	2.3
SE	.8	.8										1.5	3.7
SSE	.8	1.8	.3	.3								3.7	5.1
S	2.5	3.8	2.0	1.0	.3							9.6	6.1
SSW	1.3	2.0	1.3	1.8	.3	.3						6.8	3.3
SW	.8	2.5	1.8	3.0		.3						8.4	9.1
WSW	.8	.3	2.5	2.3	.3	.3						6.3	17.5
W	1.0	2.8	1.0	2.8			.3					7.8	8.8
WNW	1.0	1.0	1.0	.3								3.3	6.2
NW	.3	2.3	.8	.5								3.8	6.2
NNW	2.8	2.8	.5									6.1	3.9
VARBL	2.8	.3										3.0	2.4
CALM												23.8	
	17.7	26.8	16.7	13.2	.8	.8	.3					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 395

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-76
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1600-1800
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.2	1.3	.1								5.2	5.2
NNE	.4	1.7	2.1	.5								4.5	7.4
NE	.5	.3	.4	.1								1.3	5.6
ENE		.3	.8	.1								1.2	5.4
E	.3	.1	.1									.5	4.7
ESE	.1		.1									.3	6.1
SE	.1	.4										.3	4.5
SSE	1.7	2.7	1.0	.1								5.5	4.7
S	1.7	2.9	2.6	.9								8.1	6.2
SSW	.8	2.3	2.1	1.9	.1							7.2	8.2
SW	.5	2.2	3.7	3.5	.5	.5	.1					11.2	10.2
WSW	.3	.9	1.7	1.3	.1							4.2	9.3
W	.9	1.3	1.8	1.3		.1						5.4	8.1
WNW	.3	1.4	.5	.4	.3	.1						2.9	8.3
NW	1.0	1.8	1.4	.3								4.5	5.8
NNW	2.6	2.8	.6									6.2	4.1
VARBL	2.8	.3										3.1	2.3
CALM												27.9	
	16.0	23.5	20.1	10.5	1.0	.8	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

780

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-70
YEARS

FEA
MONTH

ALL WEATHER
CLASS

1960-11
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	2.8	1.5	.5	.1							7.3	3.3
NNE	1.1	1.3	1.4	.5								4.4	7.1
NE	.1	.4	1.0	.3								1.3	5.5
ENE	.1	.4	.6	.1								1.3	8.2
E	.4	.3										.5	3.2
ESE	.3											.3	3.2
SE	.5	1.3	.3									2.1	4.3
SSE	1.1	1.8	.6	.1								3.3	5.1
S	2.8	4.5	3.1	.9								11.3	5.3
SSW	.9	2.5	2.1	1.4	.4	.1						7.4	8.3
SW	.3	1.6	3.3	3.8	.6	.3	.1	.3				12.2	11.2
WSW	.3	.3	1.3	1.6	.4							3.8	10.7
W	.3	1.3	3.1	2.0	.1							7.3	8.1
WNW	1.0	.5	.6	.3	.4		.1					2.9	9.3
NW	1.3	2.0	1.1	.4	.3	.1						5.1	7.1
NNW	2.9	3.9	.6	.1								7.5	4.2
VARBL	2.3	.4										2.6	2.3
CALM												20.9	
	17.5	25.2	20.7	12.4	2.3	.5	.3	.3				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 798

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-70
YEARS

22
MONTH

ALL WEATHER
CLASS

120-140
KNOTS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.6	1.9	.9								5.5	6.7
NNE	.4	.9	2.2	.6								4.1	7.9
NE		.8	1.7	.8								3.2	9.0
ENE		.1	.8	.3	.3							1.4	11.5
E	.3	.1	.3									.6	5.2
ESE	.6	.6	.3	.3								1.8	5.5
SE	.3	.6	.5									1.4	5.9
SSE	.4	1.4	1.4	.4								3.6	6.6
S	.4	4.0	3.4	1.3								9.1	7.3
SSW	.4	3.2	2.9	1.4		.1	.1					6.2	8.3
SW	.3	2.0	4.3	3.3	.5	.5	.4					11.4	11.2
WSW	.3	.5	2.3	1.8	.1							5.0	9.8
W	.4	1.5	1.9	2.6	.4	.1						6.9	10.1
WNW	.6	1.8	1.7	1.1	.3							5.3	8.3
NW	.4	4.0	1.3	1.3	.4	.1						7.4	8.0
NNW	1.0	2.9	1.9	.1								6.0	5.7
VARBL	1.3	.9										2.2	2.7
CALM												15.9	
	8.6	27.9	28.7	16.1	1.9	.9	.5					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 784

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/VAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-70
YEARS

6
MONTH

ALL WEATHER
CLASS

15 0-17.0
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	2.6	2.8	.7								6.6	6.2
NNE	.5	2.4	3.0	1.6								7.3	7.7
NE		1.4	1.6	.8	.1							4.2	5.5
ENE		.1	.5	.1								.2	9.2
E	.4	.5	.3									1.2	5.7
ESE	.3	.7	.3									1.2	5.2
SE	.4	.4	.3									1.1	4.9
SSE	1.2	1.7	1.2	.3								4.3	3.7
S	1.3	3.6	3.2	.7								8.7	6.4
SSW	.7	3.4	2.6	1.6								8.3	7.4
SW	.7	3.2	2.2	3.0	.4	.4	.1	.1				10.1	9.9
WSW	.3	2.1	1.8	2.5	.1							6.9	9.2
W	.7	1.6	3.6	2.6	.1							8.6	9.1
WNW	.7	2.4	1.1	.5	.4	.1						5.1	7.6
NW	.4	2.1	2.0	1.1	.3							5.8	8.1
NNW	.5	2.2	1.7	.4	.1	.1						5.1	7.4
VARBL	1.6	.4										2.0	2.7
CALM												12.9	
	10.0	30.8	28.1	15.8	1.0	.7	.1	.1				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 759

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053 STATION FULDA GERMANY AAF 62-70 YEARS MONTH 10-2 HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	0.1	2.4	.8								2.4	5.2
NNE	.0	1.0	3.7									5.3	7.1
NE		2.2	1.4	.4								4.1	7.4
ENE	.2	.4	.4	.2								1.2	7.1
E	.2	.8	.4	.2								1.5	6.3
ESE	.8	1.0										1.8	3.7
SE	.0	1.2										1.8	4.2
SSE	1.8	1.6	1.0	.2								4.7	5.1
S	2.6	5.7	1.0	.6								15.6	4.9
SSW	1.4	3.1	2.4	.8								7.7	5.2
SW	2.4	3.1	2.2	1.2					.2			9.2	5.0
WSW	1.2	2.2	1.0	.8	.4							5.7	7.1
W	.2	2.0	2.6	1.5	.2							5.7	8.4
WNW	.2	1.0	1.2	1.0			.2					3.7	9.7
NW	1.2	2.6	1.8	.2								5.9	5.5
NNW	1.0	2.4	1.2	.2								4.9	5.5
VARBL	1.2	.4										1.5	2.2
CALM												14.1	
	16.5	37.1	23.0	8.4	.6		.2		.2			100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 491

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/PAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

65,67
YEARS

22
MONTH

ALL WEATHER
CLASS

21-23
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	6.5	1.8	1.2								1.1	5.1
NNE		2.4	.6									3.7	5.1
NE		1.2	1.2									2.4	7.1
ENE			3.6									3.6	7.7
E		2.4										2.4	4.2
ESE		1.2										1.2	4.6
SE	1.8											1.8	2.3
SSE	2.4	2.4										4.8	3.3
S	2.4	7.7	1.8	1.2								13.1	5.7
SSW	1.8	1.2	4.8	.6								8.3	5.0
SW	1.2		1.2	3.0	.6							6.0	11.1
WSW	1.2		.6	4.2								6.0	12.2
W		.6	1.8	2.4	.6							5.4	11.6
WNW	.6	1.2		.6								2.4	7.5
NW	.0	1.2	.6	1.8		.6						4.6	12.4
NNW	1.8	2.4	4.2	1.8								12.1	8.3
V/2BL													
CALM												14.9	
	14.3	30.4	22.0	16.7	1.2	.6						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 162

DATA PROCESS: IV.51
 ETAC/USAF
 AIR WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 35053 STATION NAME FOLDA GERMANIA AAF YEARS 55, 57 MONTH 6-7
 CLASS ALL WEATHER
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.6	1.1	.5								2.5	4.7
NNE	.5	.5	3.2									4.3	7.2
NE		.5										.5	3.0
ENE													
E													
ESE		.5										.5	4.1
SE	2.7	3.2	.5									3.2	3.6
SSF	4.3	4.3										8.6	7.1
S	3.6	7.6	5.4	.5								16.7	5.5
SSW	1.6	4.3	1.6	1.1								8.6	6.6
SW	.5	2.2	3.2	3.6								9.7	9.3
WSW	1.1	3.2	2.7	.5								7.5	7.2
W		1.6	2.7	1.6	.5							6.3	3.5
WNW		1.1	2.7	.5	.5							4.5	1.0
NW	1.1	.5	1.1	.5								3.2	7.3
NNW	1.1	1.1	.5									2.7	3.0
VARBL													
CALM												18.3	
	16.7	29.6	24.7	9.1	1.1							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 136

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FLDA GERMANY AAF
STATION NAME

62-65, 67-70
YEARS

ALL-WEATHER
CLASS

MONTH
30-7
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	3.5	1.1	.5								6.2	3.3
NNE		1.8	3.4	.2								5.5	7.1
NE	.7	.7	.9	.5								2.7	4.5
ENE	.2	.2	.2	.2								.9	4.0
E	.5	.5		.2								1.4	5.0
ESE		.5										.3	5.0
SE	1.0	.2										1.4	2.7
SSE	1.0	1.6	.7	.2								4.1	4.4
S	2.5	4.6	2.7	.7								10.5	5.5
SSW	1.4	4.6	3.4	.2	.2							9.8	6.2
SW	.7	1.8	2.5	3.2	.2							8.4	5.5
WSW	.5	1.6	2.1	1.6								5.7	5.7
W	.2	.9	2.7	1.1	.2							5.3	5.0
WNW	.5	1.4	.5	.5								2.7	6.5
NW	.5	2.3	.2	.2	.2							3.4	5.9
NNW	1.1	2.1	.9									4.1	5.3
VARBL	2.7	.2										3.4	2.1
CALM												24.2	
	16.2	27.9	21.5	9.4	.9							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

432

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35051 STATION NAME FULDA ZEKRA-Y AAF YEARS 61-67 MONTH 5
CLASS ALL WEATHER NO. OF (L & T) 1
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.4	1.2	.5								5.2	4.0
NNE	.5	1.1	3.7	.3								5.7	7.0
NE		.3	1.9	.5								2.7	1.0
NNE		.3	.5	.1								.8	1.1
E		.3	.5									.4	7.1
ESE	.5											.3	2.3
SE	2.1	.9	.2									3.2	3.3
SSE	1.1	.9	.3	.3								2.6	5.4
S	2.2	3.7	2.4	.7								9.6	5.9
SSW	.9	2.8	2.7	1.4		.1						7.9	7.4
SW	1.0	1.9	2.7	2.2	.5							8.8	5.4
WSW	.8	1.2	1.8	1.9	.5	.1						6.3	9.3
W	.5	1.5	2.4	2.0	.1	.1						6.6	9.2
WNW	.3	.6	.7	.1								1.7	6.1
NW	1.6	2.0	1.1	.3								5.1	1.7
NNW	1.1	2.2	1.0	.3								4.6	1.7
VARBL	2.6	.2										2.8	1.7
CALM												25.6	1.7
	16.6	22.6	23.2	10.7	1.0	.3						100.0	

TOTAL NUMBER OF OBSERVATIONS 861

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

35053
STATION

FOLDA GERMANY AAF
STATION NAME

51-7
YEARS

4
MONTH

ALL WEATHER
CLASS

900-11
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.3	1.1	.4								5.4	5.1
NNE	.6	1.3	3.9	1.1								5.9	8.1
NE	.7	.8	3.0	1.1								5.4	7.1
ENE	.3	.1	.1	.7								1.2	3.3
E	.6	.1	.3	.1								1.1	3.5
ESE	.4	.2	.3									1.1	4.7
SE	.5	.6		.4								1.3	3.5
SSE	.4	1.1	1.0	.1	.1							2.4	7.1
S	.8	3.2	3.4	2.0								9.4	7.7
SSW	.7	.8	3.2	1.6								5.4	5.4
SW	.3	1.8	4.6	2.7	.6	.2						10.3	11.5
WSW	.2	.9	3.0	2.7	.3	.1						7.2	11.1
W	.1	1.1	3.2	3.3	.3							8.1	13.5
WNW	.1	1.0	.7	.6	.1							2.4	4.3
NW	.9	2.2	1.7	1.0	.1							5.9	7.4
NNW	.4	1.6	.8	.6								3.3	6.4
VARBL	2.3	.3										2.7	2.2
CALM												18.4	
	11.2	19.4	30.3	18.4	1.3	.3						100.3	6.7

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ IAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35053 STATION NAME FULDH GERMAN Y AAF YEARS 51-70 MONTH 12
CLASS ALL WEATHER HOURS (L S T) -14
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.0	1.8	.5								5.1	5.2
NNE	.5	1.4	4.0	2.4								5.1	9.1
NE	.1	1.2	2.7	1.4								5.4	9.7
ENE	.6	.6	.3	.3								1.9	0.7
E	.5	.2	.9									1.5	5.9
ESE	.3	.3	.6	.5								1.7	7.5
SE	.5	.3	.3	.2								1.4	5.1
SSE	.9	.9	.8	.5								3.1	6.6
S	.6	2.1	4.2	2.5	.2							9.6	8.6
SSW	.1	1.2	2.3	2.5	.1							6.2	9.3
SW	.3	1.5	4.6	3.7	.5	.2						10.9	10.3
WSW	.1	.9	3.2	2.8	.9							7.9	10.9
W	.2	1.2	3.5	4.3	.5	.3						10.1	11.2
WNW	.3	.7	1.6	2.3	.5							5.3	10.5
NW	.7	2.1	1.8	2.5	.3							7.3	9.7
NNW	.7	.9	1.2	.7								3.3	7.4
VARBL	2.0	.7										2.7	2.7
CALM												8.0	
	9.2	18.4	33.8	27.0	2.9	.6						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 384

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-73
YEARS

MONTH

ALL WEATHER
CLASS

150-17
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.0	2.5	.9								6.7	7.1
NNE		.9	4.2	2.2								6.7	5.5
NE	.1	.6	3.3	3.1								7.7	7.3
ENE		.6	.3	.4								1.4	7.3
E		.4	.8									1.2	5.9
ESE	.4	.6	.8	.5								2.2	7.3
SE	.5	.9	.4	.5								2.2	5.8
SSE	.8	1.2	1.4	.4								3.7	5.5
S	1.1	2.8	2.9	1.3								8.1	7.3
SSW	.2	2.3	3.2	2.8	.2							8.9	9.0
SW	.4	.9	3.3	3.7	.2	.1						8.7	10.6
WSW	.1	.8	2.9	2.8	.6	.1						7.4	10.8
W	.7	1.1	2.5	5.0	.5			.1				9.9	10.7
WNW	.4	2.2	2.9	1.8	.4	.1						7.7	9.0
NW	.4	1.9	3.2	2.1	.4	.1						8.0	9.4
NNW	.5	1.4	.8	.5								3.2	6.7
VARBL	1.4	.4										1.8	2.7
CALM												4.9	
	7.5	21.1	35.4	28.3	2.2	.5		.1				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

955

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FOLDA GERMANY AAF
STATION NAME

62-7
YEARS

MONTH

ALL WEATHER
CLASS

15-2
WINDS (KTS)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	4.2	2.2	.4								7.7	5.1
NNE	.4	2.4	4.4	1.7								2.3	4.0
NE	.6	2.0	2.8	.7								5.1	7.4
ENE		.6	.6	.4								1.5	2.2
E	.4	.9	.2									1.3	4.5
ESE		.6	.2									.7	5.0
SE	.7	.9		.2								1.9	4.7
SSE	.7	1.8	.7									2.3	4.9
S	1.7	5.0	2.9	.7								17.3	6.1
SSW	1.7	3.3	2.0	1.8	.2							9.7	7.0
SW	1.1	2.9	3.3	3.1								10.5	5.0
WSW	.7	2.0	2.8	.9	.2							6.6	7.6
W	.9	2.2	2.2	2.2	.6							8.1	9.0
WNW	.4	1.8	1.8	1.8	.4							5.2	9.1
NW	.4	2.4	1.7	1.5								5.9	7.9
NNW	.4	.7	.9	.4								2.4	7.0
VARBL	2.8											2.8	1.8
CALM												6.9	
	12.6	32.8	28.7	15.8	1.3							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 344

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35053 STATION NAME FULDA GERMANY AAF YEARS 1956 MONTH 21-23
CLASS ALL WEATHER HOURS (L & T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		3.2	2.2	.5								5.9	6.6
NNE		1.1	2.2									3.2	7.1
NE			.5	1.1								1.6	9.7
ENE													
E													
ESE	.5	1.1										1.4	3.4
SE	1.6	.5										2.2	3.3
SSE	4.8	1.6										6.5	3.1
S	6.5	8.6	2.2	1.1								15.3	4.7
SSW	3.2	3.8	3.2	.5								17.4	5.5
SW		3.8	5.4	1.6								10.5	7.3
WSW	1.1	1.6	2.7	1.1								6.5	7.1
W	1.1	1.6	4.8	2.2	.5							10.2	9.1
WNW	.5	1.1		1.1								2.7	8.2
NW	2.2	.5	1.6	2.2								6.5	8.1
NNW	1.1	1.1										2.2	3.5
VARBL													
CALM												11.3	
	22.6	29.6	24.7	11.3	.5							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 126

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

51-62,64-65,67
YEARS

MONTH

ALL WEATHER
CLASS

HOURLY (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.8	3.2									4.5	3.0
NNE	.5		1.1									2.6	2.3
NE													
ENE													
E													
ESE	.5	.5										1.1	3.0
SE	1.1	.5										1.6	3.0
SSE	2.2	2.2										4.3	3.5
S	2.2	6.5	1.1									9.7	4.7
SSW	1.6	3.2	.5									5.4	4.0
SW	3.2	5.9	1.6	1.6								12.4	5.3
WSW		1.6	.5									2.2	5.0
W	1.6	1.6	.5									3.8	4.6
WNW	2.2	1.6										3.8	3.3
NW	1.6	3.8	3.2	.5								9.1	5.7
NNW	.5	4.8	1.6									7.0	5.3
VARBL													
CALM												29.6	
	18.6	36.0	13.4	2.2								100.2	3.6

TOTAL NUMBER OF OBSERVATIONS

136

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-65, 67-70
YEARS

12
MONTH

ALL WEATHER
CLASS

31-5
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	4.6	1.7	.2								7.8	5.2
NNE	.2	1.1	.7	.7								2.5	7.9
NE	.2											.2	3.0
ENE	.2		.2									.4	3.5
E	.2											.2	2.0
ESE	.2	.4										.7	3.3
SE	.9	.4										1.8	3.7
SSE	1.7	1.3	.2									3.3	3.5
S	2.2	4.1	.9	.7								7.8	3.2
SSW	1.1	2.8	2.6									6.5	5.4
SW	.9	2.0	1.7	2.2								6.7	7.9
WSW	.4	.4	1.3	.9								3.0	2.7
W	1.1	2.4	2.6	1.1								7.2	6.7
WNW	.9	2.0	.2	.4	.2							3.7	6.4
NW	1.3	4.3	.9	.2								6.7	5.1
NNW	3.5	5.2	1.5									10.2	4.8
VARBL	3.0											3.0	2.0
CALM												28.5	
	19.3	31.1	14.6	6.3	.2							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

462

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053 STATION FULDA GERMANY AAF 51-7 YEARS NORTH
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	4.9	3.6	.1								12.7	5.5
NNE	.1	.2	1.5	.6								2.4	2.5
NE	.2	.1		.1								.4	3.0
ENE	.1	.1	.3		.2							.4	1.4
E	.2	.1	.1									.4	2.0
ESE	.3	.1										.5	2.0
SE	1.0	1.9										2.9	2.0
SSE	1.5	.8	.2									2.6	3.4
S	1.7	4.9	2.2	.2								9.1	5.3
SSW	1.3	2.6	2.6	.7								7.1	5.0
SW	.5	1.6	3.7	3.0	.1							8.9	9.0
WSW	.6	.9	1.5	.8								4.1	7.5
W	.8	.7	1.7	.9								4.2	7.7
WNW	.5	1.6	.2	.2								2.6	5.3
NW	1.7	2.7	1.7	.3								6.8	5.4
NNW	2.4	3.3	1.5	.1								7.4	4.0
VARBL	3.4	.1										3.8	2.1
CALM												24.5	
	20.1	26.6	21.1	7.3	.3							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 561

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/TAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

35053 FULDA GERMANY AAF

51-7

STATION

STATION NAME

YEARS

MONTH

ALL EATHER

CLASS

7-11
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.6	4.0	.7								5.3	2.4
NNE	.7	1.9	2.5	1.3	.3							4.7	2.1
NE	.2	.1	1.0	1.1								2.5	3.5
ENE	.1	.2	.3	.2	.2	.1	.1					1.5	12.5
E	.6	.2	.2									1.5	3.5
ESE	.5	.6										1.7	3.7
SE	.3	.3	.2	.1								1.1	5.4
SSE	.5	.5	.6	.2								1.7	5.3
S	1.1	2.8	3.0	1.5								8.4	7.1
SSW	.3	1.3	2.8	2.2								5.6	8.1
SW	.2	1.7	5.1	3.8	.5							11.3	9.5
WSW	.1	.7	4.0	2.1	.3							7.2	11.2
W	.3	1.4	3.1	1.5	.1	.1						5.5	9.1
WNW	.5	.9	1.1	.3	.1							3.1	7.5
NW	.7	2.1	2.3	1.0	.1							6.2	7.5
NNW	1.4	2.4	1.5	.1								5.4	5.5
VARBL	4.5	1.5										5.5	2.3
CALM												14.7	
	13.8	21.5	31.9	16.1	1.7	.2	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

874

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-7
YEARS

MONTH

ALL WEATHER
CLASS

12-14
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	2.3	3.1	.8								4.4	7.3
NNE	.5	1.6	2.5	1.5								6.1	8.1
NE	.2	1.6	2.1	1.2	.1							5.2	6.5
ENE	.2	.5	1.2	.5		.1	.2					2.4	11.2
E	.1	.9	.8	.1								2.8	7.0
ESE	.1	.5	.6	.1								1.3	7.0
SE	.5	.3	.6	.1								1.5	6.2
SSE	.7	.7	1.2	1.2								3.7	7.8
S	.3	1.8	2.2	2.4								6.0	8.7
SSW	.2	1.5	3.2	2.5	.8							8.2	10.1
SW	.7	1.6	4.1	3.9	1.0	.5	.1					12.0	10.9
WSW	.2	1.3	3.8	4.0	.7							10.0	10.5
W	.4	1.3	3.0	3.1	.2							7.7	10.2
WNW	.2	.3	1.6	1.2	.1							3.5	9.7
NW	.5	1.6	2.3	1.8	.2	.1						6.6	9.2
NNW	.6	2.0	.9	.3	.2							4.0	6.7
VARBL	2.4	2.0										4.4	3.2
CALM												7.9	
	7.9	21.7	33.1	24.7	3.5	.7	.3					100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

869

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/TAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

35053
STATION

FULDA GERMANY AAF
STATION NAME

(1)-70
YEARS

MONTH

ALL WEATHER
CLASS

1-17
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	2.6	3.9	.7								7.1	7.4
NNE	.5	1.4	2.3	2.6	.1							5.7	7.5
NE	.4	1.0	2.0	1.3	.1							5.2	9.5
ENE	.6	.6	1.0	.8		.1	.1					3.2	9.5
E	.4	1.0	.2	.1								1.4	5.3
ESE	.2	.5	.7									1.4	5.3
SE	.2	.2	1.2	.1								2.7	5.6
SSE	.2	1.1	1.7	.1								2.2	5.9
S	.4	1.9	3.0	1.9								7.1	7.4
SSW	.7	1.5	2.9	2.3								7.4	8.4
SW	.1	1.3	5.0	3.1	1.1	.2						12.2	10.5
WSW		2.1	3.3	2.4	.7	.2	.1					5.9	10.6
W	.1	1.1	4.6	3.7	.1	.1						9.3	10.1
WNW	.4	1.2	1.4	.7	.2							2.9	8.7
NW		1.8	3.3	1.4	.5							7.7	9.6
NNW	.2	1.1	2.4	.8	.2							4.8	5.6
VARBL	2.4	1.4										3.8	2.9
CALM												5.7	
	7.3	22.1	38.9	22.6	3.1	.7	.2					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

840

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053 FULDA GERMANY AAF 51-7
STATION STATION NAME YEARS
ALL WEATHER CLASS MONTH
CONDITION HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	3.0	1.6	.4								5.7	4.2
NNE	.4	2.0	2.8	.5								5.7	7.3
NE	.5	2.0	5.0	1.2								8.4	4.0
ENE	.4	.7	.9									2.0	4.1
E	.2	.5	.2	.2								1.1	5.0
ESE	.4	.5	.5									3.4	5.0
SE	.5	.4	.7									1.8	5.2
SSE	.5	1.2	.7	.2								2.7	5.5
S	1.1	2.3	2.3	.4								6.0	5.2
SSW	.7	3.2	2.3	1.4								7.7	7.1
SW	2.0	2.7	3.6	2.1	.4							10.7	7.6
WSW	.9	3.0	1.8	1.1								8.8	6.0
W	1.0	2.8	4.8	1.6	.4							11.2	7.3
WNW	.5	2.1	1.6	1.1								5.3	7.1
NW	.7	2.0	2.0	1.4	.4							8.4	5.4
NNW	.7	1.8	1.6	.7								4.3	6.3
VARBL	3.0	.7										3.7	2.5
CALM												9.1	
	14.2	31.0	32.4	12.3	1.1							100.7	6.3

TOTAL NUMBER OF OBSERVATIONS 562

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE, MO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

35053
STATION

FULDA GERMANY AAF
STATION NAME

45,07
YEARS

3
MONTH

ALL WEATHER
CLASS

71-23
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	5.0	2.8									2.5	5.1
NNE		2.2	2.8									4.1	5.1
NE													
ENE	.0	1.1										1.7	3.7
E													
ESE	.0	.6										1.1	3.5
SE	.6	.6										1.1	3.5
SSE	2.2	1.1										3.3	3.3
S	2.2	7.2	1.1									10.6	4.3
SSW	2.8	2.2	1.1									6.1	4.3
SW	3.3	1.7	2.2	1.7								8.9	6.2
WSW	.6	4.4	1.7									6.7	5.2
W	.6	4.4	2.2	.6								7.4	5.4
WNW	1.1	6.1	.6	.6								8.3	5.1
NW	.6	3.9	.6									5.1	4.1
NNW	1.7	4.4	1.1	1.1								8.3	3.7
VARBL													
CALM												17.2	
	17.8	45.0	16.1	3.9								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 100

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/4AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

61,05-67
YEARS

MONTH

PL. WEATHER
CLASS

HOURLY CL. & T.

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.9										5.1	4.4
NNE		1.1	.7									1.8	
NE													
ENE	.4											.4	3.1
E	.4	.4										.8	3.5
ESE													
SE	.4	.4										.8	3.5
SSE	3.2	1.1		.4								4.7	4.1
S	3.2	4.3	1.8	.4								9.7	4.8
SSW	1.4	1.8	2.9	1.1								7.2	6.9
SW	1.4	3.2	1.8	.4	.4							7.2	6.6
WSW	2.2	.7	2.2	.4		.4						5.8	7.7
W	1.8	2.2		.4								4.3	4.4
WNW	.7	2.8	1.4	.7								5.4	6.5
NW	1.1	2.9	2.2	1.1								7.2	6.7
NNW	2.5	5.4	.4									8.3	3.9
VARBL													
CAIM												31.4	
	20.2	20.9	14.1	4.7	.4	.4						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 277

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-7
YEARS

MONTH
HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.7	.6		.2							6.4	4.7
NNE	.2	1.1	.4									1.7	3.3
NE	.4											.4	3.0
NNE	.6	.2										.7	3.0
E	.9	.4										1.3	3.0
ESE	.4	.7										1.1	4.2
SE	1.1	.7										1.8	3.3
SSE	1.3	.4	.2									1.2	3.4
S	3.7	3.1	.6	.2								7.5	4.3
SSW	.7	2.0	2.2									5.0	6.2
SW	1.5	1.7	2.6	1.7								7.3	7.4
WSW	.4	.9	.2	1.7	.2							3.1	9.4
W	.6	2.4	1.3	.4	.2							.6	6.4
WNW	.7	1.7	.7	.6								.3	5.2
NW	.9	1.1	2.4	.6								.5	7.0
NNW	2.8	3.9	.4	.2								7.2	4.0
VARBL	6.8											6.8	1.7
CALM												34.3	
	24.8	23.9	11.4	5.1	.6							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

545

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-70
YEARS

MONTH

ALL WEATHER
CLASS

CAL = 0
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	3.6	1.4	.1								7.2	5.1
NNE	.5	.8	.7									2.0	3.1
NE		.3	.2									.5	4.4
ENE	.1	.5										.4	4.1
E	.2	.5										.7	3.5
ESE	.5	.8										1.3	4.0
SE	.7	1.1										1.3	3.0
SSE	2.2	1.1	.6									3.9	4.1
S	1.4	2.1	1.6	.1								5.2	5.4
SSW	.5	1.7	2.0	.3								4.6	6.2
SW	.6	2.1	3.4	1.1	.1							7.3	6.7
WSW	.5	.9	2.1	1.1	.2	.1						4.9	9.1
W	.8	1.1	1.8	.5	.3							4.7	8.0
WNW	.9	1.8	1.6	.6								4.9	6.4
NW	.6	2.5	1.6	.1								4.8	6.0
NNW	1.0	3.2	1.3	.3	.2							6.1	6.1
VARBL	5.2	.3										5.5	2.0
CALM												33.8	
	17.8	24.6	18.3	4.5	1.0	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 871

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053 STATION FULDA GERMANY AAF 61-70 YEARS MONTH 9-11 HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	3.0	2.4	.5								2.1	5.7
NNE	.6	1.1	1.6	.2								3.5	.4
NE	.8	.5	1.7	.2								3.2	1.1
ENE	.5	.1	.5	.1								1.1	5.3
E	.5	.5	.5	.2								1.5	5.1
ESE	.2	.1	1.2	.3								1.9	4.5
SE	.5	.6	.9	.3								2.3	7.2
SSE	.7	1.0	1.0	.8								3.5	7.2
S	.3	1.4	4.1	1.1	.1							7.5	8.4
SSW	.1	1.7	3.6	1.6								7.7	8.6
SW	.3	1.7	3.5	2.1	.1							9.5	4.7
WSW	.1	.8	2.7	3.4	.5							7.4	10.9
W	.6	1.1	3.7	3.0	.5							8.9	13.1
WNW	.2	.9	2.1	1.0	.1							4.4	8.5
NW	.8	2.8	2.7	1.2								7.3	7.3
NNW	.9	1.0	2.0	.6								4.5	6.8
VARBL	4.7	1.4	.5									6.5	2.9
CALM												11.8	
	14.0	19.6	36.6	16.8	1.2							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 888

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-70
YEARS

MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.2	2.0	1.0	.1							6.7	7.3
NNE	.2	1.7	1.7	.3								4.7	7.5
NE	.1	.7	1.0	.9								2.7	8.2
ENE	.2	.3	.9	1.1								2.6	9.2
E	.2	.8	1.2	.1								2.4	7.3
ESE	.2	.6	1.4	.3	.1							2.6	8.7
SE	.3	.9	1.2	.6								3.1	7.9
SSE	.1	.9	1.2	.2								2.5	7.5
S	.2	2.0	4.0	.9								7.1	7.9
SSW	.3	1.4	3.5	2.2	.2							7.6	9.4
SW	.1	2.0	3.7	4.1	.3							10.3	10.0
WSW	.3	.8	4.1	3.7	.2	.1						9.3	10.3
W	.1	1.3	4.0	3.3	.3							9.2	10.3
WNW	.5	1.5	2.8	1.9	.3							7.0	9.1
NW	.2	1.6	2.8	1.4	.5							6.5	9.4
NNW	.5	2.0	1.3	.5								4.4	7.2
VARBL	4.0	2.7	.7	.1								7.5	3.8
CALM												5.2	
	8.4	23.6	37.9	22.7	2.2	.1						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

882

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 35053 STATION NAME FULDA GERMANY AAF YEARS 61-70 MONTH 15
CLASS ALL WEATHER MONTH 15-17
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.1	3.2	.6								6.7	7.2
NNE		1.1	1.8	.5								3.3	7.9
NE	.1	.8	1.6	1.3								3.9	9.1
ENE	.1	.4	1.1	1.4								2.9	9.9
E	.5	1.1	.8									3.3	5.5
ESE	.5	1.2	1.3	.1	.1							3.2	6.9
SE	.1	.6	.7	.7	.1							2.2	9.1
SSE	.1	1.3	1.4	.2								3.7	7.2
S	.8	2.7	2.6	.8								6.9	6.9
SSW	.2	1.3	4.0	.9	.2							6.7	8.7
SW	.1	1.2	4.4	3.4	.5							9.6	13.4
WSW	.5	1.8	3.7	2.6	.5							9.0	9.4
W	.7	1.5	4.6	2.1	.2							9.1	9.1
WNW	.2	2.1	3.0	2.2	.2							7.8	9.4
NW	.2	2.3	4.1	2.2	.1							9.0	8.7
NNW	.5	1.3	1.3	1.8	.2							5.0	9.1
VARBL	3.7	1.3	.4									5.4	3.1
CALM												3.9	
	9.0	23.9	39.9	21.1	2.2							100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 854

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

19053
STATION

FULDA GERMANY AAF
STATION NAME

61-70
YEARS

2Y
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.4	2.0	.5								5.6	6.3
NNE	.2	2.4	1.7	.6								4.9	7.7
NE	.2	2.2	3.2	.8								6.4	7.9
ENE		.6	1.6	.5								2.7	5.4
E		1.1	.3	.2								1.6	5.2
ESE	.5	.9	1.3	.2								2.5	6.3
SE	.9	1.9	.3	.2								3.3	4.7
SSE	.5	1.7	.5	.5								3.3	5.0
S	1.1	3.4	1.4	.8								6.7	5.1
SSW	1.4	2.0	3.4	.5								7.4	5.5
SW	.6	3.3	2.7	1.9								8.3	7.6
WSW	1.4	2.5	.6	.3	.2							5.0	5.4
W	.8	3.8	3.1	1.1								8.8	7.2
WNW	.2	1.6	3.6	.8								6.1	7.7
NW	.6	1.7	2.8	1.6								6.7	8.3
NNW	1.9	2.7	1.3	.3								6.3	5.5
VARBL	2.4	.9										3.3	2.5
CALM												10.7	
	12.3	32.3	29.9	10.7	.2							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 638

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053 STATION FULDA GERMANY AAF STATION NAME 61-05,05-07 YEARS
ALL WEATHER CLASS
CONDITION
AY MONTH 21-0-23-01 HOURS (L S Y.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.7	.7									6.4	4.4
NNE	1.0	1.3	1.0									3.4	5.0
NE			.7									.7	7.0
ENE		.3										.3	4.0
E		.3	.3									.7	6.0
ESE		.3	.3									.7	6.0
SE	2.3	1.3										3.7	3.3
SSE	1.3	1.3	.3									3.0	4.0
S	3.7	6.4	.3	.3								10.7	4.3
SSW	4.0	3.7	1.0	.7								9.4	4.3
SW	3.7	2.0	1.3		.3							7.4	4.8
WSW	1.3	2.3										3.7	3.6
W	1.3	2.0	1.0	.7								5.0	5.9
WNW	.7	1.7	1.0	1.3			.3					5.0	8.9
FW	1.7	4.0	1.0	.3								7.0	5.3
NNW	1.0	3.4	1.0									5.4	5.1
VARBL													
CALM												27.5	
	24.2	34.2	19.1	3.4	.3		.3					100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 298

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35059
STATION

FULDA GERMANY AAF
STATION NAME

65-67
YEARS

ALL WEATHER
CLASS

MONTH
00-02
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.6										5.4	4.0
NNE	.5	1.4										1.9	4.0
NE		.9	.5									1.4	5.3
ENE													
E	.5											.5	2.0
ESE													
SE	1.8	.9										2.7	3.2
SSE	3.6	3.2										6.8	3.3
S	3.6	1.4	.9	.5								6.3	4.6
SSW	1.8	2.3	1.4									5.4	4.9
SW	2.3	.5		.5								3.2	4.0
WSW	.5	.9	1.8	.9								4.1	8.1
W	1.4	.5										1.9	3.3
WNW	.5	.9										1.4	4.3
NW	1.8	6.3	1.4									9.5	5.0
NNW	4.5	7.2	1.4									13.1	4.6
VARBL													
CALM												36.9	
	24.3	29.7	7.2	1.8								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 222

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35053 STATION NAME FULDA GERMANY AAF YEARS 61-70 MONTH 03 (=05)
CLASS ALL WEATHER HOURS (L & T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	3.2	3.4									9.4	5.2
NNE	.2	1.6	1.2									3.0	5.5
NE	.2	.4										1.6	5.4
ENE	.8	.2										1.0	3.0
E	.2	.2	.2									.5	5.7
ESE	.6	.2										.5	2.5
SE	1.2	1.6										2.2	3.3
SSE	1.2	1.2	.2									2.5	3.7
S	4.0	2.8	.4									7.2	3.6
SSW	1.6	.8	1.0	.2								3.6	5.3
SW	1.6	1.4	1.0	.8								4.8	6.1
WSW	1.2	1.6	.8	.2								3.3	5.3
W	.4	1.2	.6									2.2	5.5
WNW	1.2	1.0	.6	.2								3.0	3.3
NW	1.2	3.4	.6	.2								5.4	5.0
NNW	2.8	2.6	.6	.2								6.2	4.2
VARBL	6.8	.4										7.2	2.0
CALM												35.2	
	28.0	23.8	10.6	1.8								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 500

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-70
YEARS

3
MONTH

ALL WEATHER
CLASS

0600-0300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	3.0	2.8	.3								8.5	5.4
NNE	.3	.8	1.0	.3								2.8	7.1
NE	.1	.7	.5	.1								1.5	6.2
ENE			.3									.3	9.1
E	.4	.3										1.3	3.2
ESE	.4	.6										1.3	2.4
SE	.8	.8										1.6	3.5
SSE	1.3	1.2		.1								2.6	4.1
S	1.6	3.2	1.4	.2								6.4	5.2
SSW	.9	2.4	2.3	.7								6.3	6.2
SW	1.1	2.1	2.3	.2								3.7	6.2
WSW	.5	.6	1.4	.2								2.6	7.1
W	.2	1.1	.9	.5								2.8	7.5
WNW	1.1	.8	.6	.6	.1							3.2	6.6
NW	.6	3.0	1.3	.1								4.9	5.2
NNW	1.5	3.2	1.1									3.9	4.6
VARBL	3.5	.6	.2									6.3	2.3
CALM												35.9	
	19.4	24.5	16.2	3.4	.1							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 671

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35L53 STATION NAME FULDA GERMANY AAF YEARS 61-70 MONTH 9-11
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	3.8	2.8	.2								7.3	5.1
NNE	.2	1.8	2.8	1.0								6.7	7.6
NE	.5	1.0	1.9	.9								4.3	5.7
ENE	.5	.5	.9	.7								2.5	7.9
E	.7	.5	.2	.1	.2							1.7	6.7
ESE	.5	.2	.9	.1								1.7	6.7
SE	.2	.1	.1	.1								.6	5.6
SSE	1.0	.9	.9	.1								2.9	5.7
S	1.0	2.0	3.8	.1								7.7	6.8
SSW	.7	2.1	4.1	.9								7.3	7.6
SW	.2	2.5	4.1	1.8	.1							8.7	8.6
WSW	.3	1.6	2.4	.8								5.1	8.0
W	.1	1.5	2.7	1.8	.2							6.3	9.2
WNW	.3	1.5	1.8	.3	.1							4.1	7.1
NW	.9	1.7	1.7	.3	.1							4.7	6.7
LNW	1.1	1.4	1.1	.3								3.9	6.1
VARBL	6.8	2.5	.9									10.1	3.1
CALM												15.0	
	16.0	25.5	33.1	9.7	.8							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 886

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-70
YEARS

ALL WEATHER
CLASS

127-14
HOURS (LST)
MONTH

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.0	2.2	.3	.1							4.3	9.2
NNE	.1	1.0	2.6	1.4								5.1	3.7
NE	.3	1.0	2.3	1.8	.1							4.1	4.1
ENE	.1	.2	.7	1.4								2.4	1.4
E	.1	.7	1.2	.6	.1							2.7	4.4
ESE	.1	.3	.5	.2								1.1	7.5
SE	.2	1.1	.5									1.5	5.4
SSE		.8	1.0									1.5	6.4
S	.7	2.6	3.4	.9								7.5	7.1
SSW	.3	1.9	3.3	1.1								6.9	7.3
SW	.8	1.8	3.2	3.3	.2			.1				11.5	5.6
WSW	.3	2.8	4.4	2.4								10.0	5.5
W	.8	2.4	2.8	1.9	.3							8.3	4.4
WNW	.1	2.3	2.0	.9								5.3	7.3
NW	.2	2.3	2.4	.8								5.7	7.5
NNW	.2	1.5	1.8	.2								3.7	7.1
VARBL	3.5	3.0	1.0	.3								8.8	4.5
CALM												8.2	
	8.7	26.8	37.6	17.6	.9			.1				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

6.0

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-70
YEARS

MONTH

ALL WEATHER
CLASS

15 J-17
HOURS (LST)

CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.8	2.1	.6								4.9	7.1
NNE	.4	1.3	2.5	1.1								5.2	6.4
NE	.5	.5	2.5	2.1								5.5	6.7
ENE	.4	.5	1.3	1.2	.1							3.4	5.1
E	.1	.7	1.3	.2								2.4	4.5
ESE	.2	.4	1.3	.1								2.7	7.4
SE	.4	1.2	.6									2.1	5.7
SSE	.2	2.2	.6	.1								3.2	5.5
S	.4	2.9	1.6	.4								5.3	6.4
SSW	.5	1.3	2.7	.7								5.2	7.7
SW	.4	3.3	3.8	2.0	.1							9.5	8.3
WSW	.4	1.6	5.2	2.4	.2							9.7	9.7
W	1.1	2.5	5.8	1.8	.4							11.4	6.2
WNW	.2	.9	3.5	.7								5.7	8.4
NW	.2	1.6	3.3	.9	.4							6.5	7.5
NNW	.2	1.4	2.1	.2								4.0	7.4
VARBL	3.5	2.7	.4	.2								6.8	3.7
CALM												7.1	
	9.4	26.9	40.5	15.0	1.2							100.7	7.2

TOTAL NUMBER OF OBSERVATIONS 949

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-7C
YEARS

MONTH

ALL WEATHER
CLASS

10-2-20
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	4.0	3.2	.2								9.8	5.7
NNE	1.7	2.8	2.2	1.0								7.7	5.5
NE	.5	1.2	4.0	.8								6.5	7.7
ENE		.7	2.2	.3								3.2	7.5
E	.3	1.2	.8									2.3	6.1
ESE	.2	.2	.3	.2								.5	7.6
SE	.2	.5										.7	4.0
SSE	.5	1.0	.3	.2								2.0	3.4
S	.7	2.8	1.2	.2								4.8	5.4
SSW	.5	3.0	2.0	.3								5.8	5.3
SW	1.0	3.8	3.3	1.0								9.2	6.8
WSW	1.0	2.7	2.2	.3								6.2	6.0
W	1.2	3.5	3.3	.7	.2	.2						9.0	7.0
WNW	1.5	3.5	2.2	1.3								8.5	6.5
NW	.8	2.8	2.5	.5								6.7	6.5
NNW	1.0	2.8	.8	.5								5.2	5.8
VARBL	3.5	2.0	.2	.3								6.0	3.6
CALM												7.2	
	15.6	38.4	30.6	7.8	.2	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

601

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

62,64-67
YEARS

MONTH

ALL WEATHER
CLASS

21-J-23
HOURS (LST.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	3.1	1.3									5.7	4.5
NNE	.9	4.0	.9									5.2	4.5
NE	2.2	1.8	1.3									5.4	4.5
ENE			.4									.4	7.0
E													
ESE													
SE			.9									.9	7.3
SSE	1.8	.4										2.2	2.3
S	2.7	3.1	.9									6.7	4.3
SSW	1.3	4.5										5.8	4.5
SW	3.1	4.0	.9	.4								8.3	4.6
WSW	3.1	2.7	.9	.4								7.1	4.9
W	.9	5.4	.4	.4								7.1	5.0
WNW	.9	5.4		.4								6.7	4.7
NW	1.3	2.2										3.6	3.9
NNW	2.2	3.1	1.3	.4								7.1	5.3
VARBL													
CALM												24.6	
	24.1	39.7	9.4	2.2								100.3	3.5

TOTAL NUMBER OF OBSERVATIONS

224

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

62,65,67
YEARS

MONTH

ALL WEATHER
CLASS

1000-02
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.8											4.9	2.3
NNE		1.1										1.1	4.5
NE													
ENE													
E													
ESE	.5		.5									1.1	5.1
SE	1.1	.5										1.6	3.1
SSE	3.2	1.6										4.8	3.4
S	5.3	5.8	.5									11.6	3.5
SSW	3.2	2.1	1.6									6.9	4.2
SW	4.8	1.6	4.2									10.6	5.3
WSW	2.6	3.3	1.1									9.0	4.6
W	.5	1.1	1.6	.5								3.7	3.5
WNW	.5	2.2	.5									4.2	4.5
NW	1.1	1.1	.5									2.6	5.2
NNW	5.3	4.2										9.5	3.1
VARBL													
CALM												28.6	
	32.8	27.5	10.6	.5								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 189

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

33053 STATION FULDA GERMANY AAF 61-70 YEARS MONTH 0-6
ALL WEATHER CLASS 1300-0500 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.2	.4									2.4	3.3
NNE	.4	.4	.2									1.1	4.2
NE	.2	.4										.7	4.0
ENE	.2											.2	2.0
E	.2	.2										.4	3.0
ESE	.9	.2	.2									1.3	3.3
SE	1.5	.2										1.7	2.5
SSE	.9	.7										1.6	3.3
S	2.8	2.4	.9									6.1	4.1
SSW	2.0	3.3	1.3									6.5	5.3
SW	1.3	3.1	2.2	.4								7.0	6.1
WSW	.7	.9	2.6	.2								4.4	7.2
W	.7	2.0	2.0	.4								3.0	6.3
WNW	2.0	1.3	.9									4.1	4.6
NW	2.8	2.4	.2									5.4	3.9
NNW	2.8	.9		.2								3.9	3.1
VARBL	3.5	.7										4.1	2.2
CALM												44.0	
	24.6	19.2	10.9	1.3								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 439

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-70
YEARS

MONTH

ALL WEATHER
CLASS

600-000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	1.7	.7	.1								4.5	4.5
NNE	.5	.5	.3									1.3	4.4
NE	.6	.1	.3									1.0	5.1
ENE	.1											.1	2.1
E	.6	.1										.7	3.0
ESE	.6											.5	2.1
SE	1.0	.9	.1									2.1	3.7
SSE	1.2	.5										1.6	3.0
S	2.4	2.7	1.5									6.6	4.0
SSW	1.3	2.8	1.2	.2								5.4	5.3
SW	.8	1.9	4.5	.7								7.9	7.5
WSW	.5	1.3	1.9	1.0								4.6	7.3
W	.2	.8	2.5	.1								4.3	6.9
WNW	.3	2.3	1.2									3.9	5.7
NW	.8	2.9	.6	.2								4.5	5.3
NNW	1.3	1.4	.8	.1								3.6	4.7
VARBL	3.9	.3	1.3	.2								5.3	3.8
CALM												41.2	
	19.0	20.1	16.9	2.8								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

564

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/4AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053 FULDA GERMANY AAF 61-70

STATION STATION NAME YEARS

ALL WEATHER

CLASS

CONDITION

0-11
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	4.0	1.4	.2								7.4	5.2
NNE	.6	1.6	1.4	.1								3.6	6.1
NE	.1	.5	1.0									1.6	6.3
ENE	.1	.5										.6	4.7
E	.5	1.2	.2									1.9	4.5
ESE	.1	.3	.1									.6	5.4
SE	.8	.2	.1									.9	3.5
SSE	.6	.2	.3									1.1	4.4
S	.3	3.9	1.9	.5								6.6	3.6
SSW	.1	3.0	4.9	1.4	.2							9.5	8.3
SW	.2	2.4	4.1	2.5	.3							9.5	8.9
WSW	.3	1.1	4.3	1.9	.2							8.0	9.1
W	.7	2.4	4.7	1.6	.1							9.4	8.7
WNW	.3	1.6	2.4	.5								4.8	7.1
NW	.2	1.7	1.8	.5								4.2	7.2
NNW	.8	1.9	.8	.1								3.6	5.8
VARBL	6.2	2.3	3.0	1.7								13.2	5.3
CALM												13.4	
	12.6	28.7	32.4	10.9	.9							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 882

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35053 STATION NAME FULDA GERMANY AAF YEARS 61-70 MONTH JUL
CLASS ALL WEATHER MONTH 12-14
CONDITION HOURLY (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.8	2.1									4.5	6.1
NNE	.7	1.6	1.1	.1								3.6	5.7
NE	.8	.7	.2	.1								1.4	4.7
ENE	.2	.7	.5	.1								1.5	6.4
E	.3	1.1	.1									1.6	4.1
ESE	.2	.8	.8	.1								1.9	6.1
SE	.5	.7	.5									1.6	4.9
SSE	.2	1.0	1.0	.1								2.4	5.7
S	.5	1.6	2.6	.3								5.7	7.7
SSW	.3	1.8	3.6	1.6								7.3	9.7
SW	.3	2.8	4.5	3.3	.1	.3						11.4	9.4
WSW	.3	1.6	5.2	2.3	.9							10.3	9.7
W	.5	2.4	5.8	2.4	.1							11.2	5.6
WNW	.2	1.3	3.0	.8								5.3	8.2
NW		1.7	3.6	1.5								6.8	8.2
NNW	.6	1.7	1.7	.2								4.2	6.2
VARBL	2.9	4.9	3.1	2.3								13.2	6.5
CALM												6.2	
	9.3	28.3	39.3	15.4	1.1	.3						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 872

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053 FULDA GERMANY AAF 61-7
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
1570-17
MONTH
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	3.4	1.8	.5								5.2	5.2
NNE	.8	1.5	1.2									3.5	5.5
NE	.4	1.1	.9	.1								2.5	6.4
ENE	.2	.4	.4									.9	5.3
E	.7	.6	.4									1.7	4.1
ESE	.2	.2	.5									.9	5.9
SE	.4	.9	.4									1.7	4.9
SSE	.4	.7	.6	.2								1.9	6.1
S	.8	2.0	1.8	.1								4.7	6.2
SSW	.1	1.9	3.2	.5								3.7	7.5
SW	.4	1.4	4.0	2.7	.2							3.8	9.4
WSW	.4	1.3	6.2	2.5	.6							11.2	9.4
W	.2	3.3	7.7	2.8								14.1	8.4
WNW	.6	1.4	4.3	1.3								7.6	8.2
NW	1.1	2.5	2.8	1.1								7.5	7.7
NNW	.5	3.6	2.7									6.9	6.4
VARBL	3.0	3.4	2.3	.9								9.6	8.7
CALM												4.7	
	10.6	30.0	41.0	12.8	.8							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 843

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/VAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-70
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1600-2
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.7	1.2									7.1	4.5
NNE	1.7	2.2	1.2									5.1	4.3
NE	.3	2.4	1.0									3.7	5.9
ENE	.3	.3	.5									1.2	5.2
E	.3	.3										.7	3.5
ESE	.3	.3										.9	3.6
SE	.9	.9										1.7	3.4
SSE	.9	.9	.3	.2								2.2	5.3
S	1.9	2.6	.3									4.7	4.2
SSW	1.5	2.4	1.9	.2								6.7	5.5
SW	1.2	3.7	2.4	1.2								3.3	6.9
WSW	1.2	3.9	2.2	1.2	.3	.2						9.7	7.5
W	.7	5.6	6.0	1.2	.2							13.8	7.2
WNW	.9	3.7	3.2	.7								8.5	6.3
NW	1.2	2.4	2.9	.9								7.3	6.3
NNW	.9	2.7	1.2									4.8	5.2
VARBL	2.9	1.5	.3	.5								5.3	4.4
CALM												9.9	
	19.1	39.8	24.7	6.0	.5	.2						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 563

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/140

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053 STATION FULDA GERMANY AAF 62,63,67 YEARS MONTH 21-23, HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.6										2.7	3.4
NNE	.5	2.1	.5									3.2	4.7
NE			.5									.5	
ENE		.5										.5	4.0
E	.5											.5	1.0
ESE													
SE	1.1	.5										1.6	3.0
SSE	1.6	2.1										3.7	3.7
S	6.4	3.2										9.6	3.0
SSW	4.8	5.3	.5									10.6	4.1
SW	4.3	1.6	2.7	.5								9.0	5.1
WSW	2.1	4.8	.5	.5								8.0	4.6
W	2.1	6.4	3.7									12.2	5.2
WNW	1.1	4.8	1.6									7.4	5.2
NW	2.1	2.7	2.1	1.1								8.0	5.3
NNW	2.7	2.1										4.8	2.9
VARBL													
CALM												17.6	
	30.3	37.8	12.2	2.1								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 188

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 35053 STATION NAME FULDA GERMANY AAF YEARS 55,67 MONTH 07-08
CLASS ALL WEATHER
CONDITION _____
HOURS (L.S.T.) _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.2										3.9	3.1
NNE	.5	.5										1.1	4.7
NE													
ENE													
E													
ESE	.5											.5	2.0
SE	1.1											1.1	2.0
SSE	4.8	2.2										7.0	3.0
S	7.5	4.8	.5									12.9	3.3
SSW	1.1	.5	2.2	1.1								4.8	7.6
SW	.5	.5	2.7	.5								4.3	7.4
WSW	1.1	1.1										2.2	3.5
W	2.7	1.6	.5									4.8	3.9
WNW	2.7		.5									3.2	4.2
NW		.5		.5								1.1	3.5
NNW	3.8	1.6	.5									5.9	3.3
VARBL													
CALM												47.3	
	28.0	15.6	7.0	2.2								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 184

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053 FULDA GERMANY AAF 61-05,67-7 1 1
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	.4	.2									2.6	3.5
NNE		.7	.2									.9	5.0
NE	.2											.2	2.0
ENE													
E	.2											.2	2.0
ESE	.7	.4										1.1	3.0
SE	2.6	1.3	.2									4.1	3.4
SSE	2.2	2.2										4.4	3.3
S	4.6	3.5	.4									8.5	3.9
SSW	1.1	2.4	1.1	.2	.2							5.0	5.7
SW	.7	1.7	2.0	.9								5.2	7.1
WSW	1.3	1.7	1.1	.4								4.5	5.5
W	1.1	1.1	.2									2.4	4.3
WNW	1.5	1.1										2.6	3.7
NW	1.2	2.8	.2	.2								4.6	4.5
NNW	2.2	2.0	.4									4.6	3.9
VARBL	3.1	.2										3.3	1.9
CALM												45.8	
	24.9	21.6	6.1	1.7	.2							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 459

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

35053
STATION

FOLDA GERMANY AAF
STATION NAME

1-7
YEARS

NORTH

ALL WEATHER
CLASS

3 1-1
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-7	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N	2.1	1.3	.7									4.5	4.3
NNE	.2	.7	.2									1.2	4.7
NE	.3		.2									.5	3.4
ENE													
E	.0	.1										.7	2.3
ESE	.3	.2										1.0	2.3
SE	1.1	.3	.4									2.4	4.2
SSE	1.5	1.3		.1								2.5	3.4
S	2.6	3.3	2.4									10.4	4.4
SSW	.4	1.8	2.7	.6								5.1	4.3
SW	.4	2.5	4.5	1.0	.1							8.3	3.1
WSW	.6	.6	2.4	.3	.1							3.9	7.5
W	.7	1.1	1.3	.1								3.2	5.7
WNW	.8	1.0	.2									2.0	4.4
NW	.7	1.9	.3									2.9	4.4
NNW	2.3	2.6	.7									3.3	4.3
VARBL	2.4	.3										8.4	1.0
CALM												39.5	
	20.4	21.0	18.0	2.1	.2							100.1	3.1

TOTAL NUMBER OF OBSERVATIONS 893

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35033 STATION NAME FULDA GERMANY AAF YEARS 61-70 MONTH 9
CLASS ALL WEATHER HOURS (L S T.) 0-11.0
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.4	1.5									5.7	5.1
NNE	1.0	1.0	.9									2.8	5.1
NE	.3	.5	.8									1.6	5.9
ENE	.2	.1	.4	.1								.9	7.1
E	.3	.2	.4	.1								1.1	5.2
ESE	.3	.1	.2									.7	4.6
SE	.4	.5	.3									1.3	4.9
SSE	.4	.7	.4	.2								1.7	6.0
S	.3	4.3	5.1	.3								10.5	6.3
SSW	.2	3.3	3.9	.5								8.0	7.2
SW	.5	1.9	7.1	3.2	.1							12.8	8.9
WSW	.5	1.2	3.6	3.4	.2							8.7	9.4
W	.5	1.4	3.5	2.0	.1							7.5	8.5
WNW	.3	.5	1.0	.4								2.3	7.0
NW	.8	1.4	.8									2.9	5.4
NNW	1.1	2.2	.5									3.8	4.6
VARBL	6.3	2.9	.5									9.8	3.1
CALM												17.9	
	15.7	24.6	31.1	10.3	.4							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 917

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-70
YEARS

12
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.4	2.3	.1								5.8	5.0
NNE	.3	.8	1.6	.2								3.0	7.1
NE	.2	1.2	1.2	.2								2.9	6.3
ENE	.1	.8	.9	.4								2.2	7.2
E	.3	1.1	.5									2.0	5.9
ESE	.1	.3	.7	.1								1.2	7.5
SE	.2	.3	.4									1.0	6.3
SSE	.1	.7	1.3	.1								2.2	7.0
S	.1	2.4	4.2	1.0								7.7	7.6
SSW	.1	1.6	4.4	1.6								7.8	8.4
SW	.7	2.7	8.1	4.2	.3							16.0	9.1
WSW	.7	1.4	5.8	3.7	.2							11.8	9.3
W	.2	2.3	4.3	1.9	.1							8.8	8.6
WNW	.1	.9	2.2	.8								3.9	8.4
NW		1.8	2.0	.2								3.9	6.9
NNW	.5	1.9	.7	.3								3.4	5.8
VARBL	4.9	4.1	1.5	.5								11.1	4.5
CALM												5.4	
	9.8	26.6	42.1	15.5	.7							100.2	7.2

TOTAL NUMBER OF OBSERVATIONS 912

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-70
YEARS

15
MONTH

ALL WEATHER
CLASS

150-170
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	2.1	2.6									5.1	6.6
NNE	.7	1.1	2.4	.2								4.4	6.5
NF	.2	2.7	1.4	.7								5.7	7.2
ENE		.7	1.3	.2								2.2	7.7
E	.2	.9	.6									1.7	5.7
ESE	.1	.6	.6									1.3	6.3
SE	.3	.6	.2									1.3	5.4
SSE	.3	.9	.8									2.1	5.3
S	1.0	3.1	3.3	.6								8.0	6.6
SSW	.8	1.9	4.6	1.7								9.0	8.7
SW	.9	2.2	6.8	3.1	.2							12.9	8.8
WSW	.1	1.5	5.7	3.0								10.3	9.2
W	.1	2.6	6.3	3.0	.1							12.1	8.7
WNW	.3	1.6	2.2	.7								4.8	7.5
NW	.2	1.6	2.6	.1	.1							4.7	7.4
NNW	.3	1.1	1.4									2.8	6.3
VARBL	4.9	2.5	.3	.2								8.0	3.5
CALM												4.6	
	11.2	27.7	42.7	13.4	.5							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

878

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-70
YEARS

4-0
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	3.4	1.2									6.2	5.1
NNE	1.2	3.2	1.9									6.2	5.4
NE	.5	1.9	1.9	.2								4.4	6.2
ENE	.5	1.0	.8									2.4	5.7
E	1.5	.3	.2									2.2	3.7
ESE	.3	.8										1.2	4.1
SE	.7	.8	.3									1.9	4.5
SSE	1.3	1.0	.3									2.7	4.3
S	2.1	4.5	1.7									8.2	5.0
SSW	1.9	3.0	1.9	.3								7.1	5.4
SW	1.5	4.2	2.7	1.3								9.8	6.7
WSW	1.2	3.7	2.2	.7								7.7	6.3
W	1.5	4.5	3.0	.5								9.6	6.3
WNW	.7	2.5	1.0	.2								4.4	5.4
NW	1.3	1.7	1.2	.3								4.5	5.6
NNW	1.0	1.9	1.9									4.7	5.6
VARBL	5.1	1.2	.2									6.4	2.5
CALM												10.4	
	23.4	39.9	22.2	3.5								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 594

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/4AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

63, 65, 67
YEARS

NOV
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	.5										2.7	2.6
NNE		.5										.5	4.1
NE		.5										.5	4.1
ENE													
E	1.1	.5										1.5	3.3
ESE	.5											.5	2.1
SE	1.1	.5										1.6	3.7
SSE	2.7	1.6										4.3	3.4
S	4.3	10.2	.5	1.1								16.0	4.7
SSW	2.7	4.8	1.6	.5								9.6	5.3
SW	4.8	3.2	1.1	.5								9.6	4.2
WSW	1.6	.5										2.1	3.0
W	1.6	1.6										3.2	4.0
WNW		2.7	.5									3.2	4.5
NW	2.7	2.1										4.8	3.1
NNW	2.1	1.6										3.7	3.4
VARBL													
CALM												35.8	
	27.3	31.0	3.7	2.1								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 137

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

62-65,67
YEARS

SEP
MONTH

ALL WEATHER
CLASS

000-020
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5											.5	1.0
NNE			1.6									1.6	9.3
NE	1.1											1.1	2.5
ENE													
E	1.1											1.1	2.0
ESE		.5										.5	6.0
SE	3.2	.5										3.8	2.9
SSE	1.1	3.2										4.3	4.1
S	5.4	8.1	2.2	.5								16.2	4.5
SSW	1.0	3.2	5.4	.5								10.8	6.7
SW	1.1	3.2	1.6									5.9	5.2
WSW	.5		3.8	.5								4.9	7.3
W	1.1	.5	1.6	.5								3.8	6.9
WNW	.5											.5	1.0
NW	1.1	3.2										4.3	4.4
NNW	2.2	2.2										4.3	3.0
VARBL													
CALM												36.2	
	20.5	24.9	16.2	2.2								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 185

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-65, 67-70
YEARS

SEP
MONTH

ALL WEATHER
CLASS

300-05.1
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	1.6										3.2	3.4
NNE	.2	.2	.9	.2								1.6	5.9
NE	.5		.5									.9	5.5
ENE	.2											.2	2.0
E	.7	.5										1.1	2.0
ESE	.5	.2										.7	3.0
SE	1.1	.2	.2									1.6	3.7
SSE	2.3	.9	.2									3.4	4.0
S	3.9	4.1	2.1	.2								12.3	4.6
SSW	1.8	3.4	2.1	.9								8.3	6.0
SW	1.1	1.6	3.7	1.1	.2							7.8	7.7
WSW	.7	.9	.9	.7								3.2	6.7
W	.7	.7	1.1	.2	.2							3.0	7.5
WNW	.5		.7									1.1	5.0
NW	1.1	1.1	.2									2.3	4.4
NNW	1.8	1.6	.2									3.7	3.4
VARBL	4.1	.2	.2	.5								5.0	3.2
CALM												42.2	
	22.9	17.4	12.1	3.9	.5							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 436

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

60-70
YEARS

SEP
MONTH

ALL WEATHER
CLASS

7600-080
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	1.6	.8									4.2	4.2
NNE	.5	.4	.2	.4								1.4	5.3
NE	.2	.1	.1	.1								.6	5.2
ENE	.5	.1										.6	2.5
E	.2	.4										.6	3.2
ESE	.6											.6	2.4
SE	1.3	1.2										2.5	3.2
SSE	2.2	1.9	.1									4.2	3.7
S	2.7	4.4	1.3	.4								8.8	5.0
SSW	.5	3.0	4.1	.5								8.1	5.7
SW	.8	1.6	4.7	1.4	.2							8.8	3.3
WSW	.4	.7	1.6	.5								3.2	7.6
W	.5	.5	.6									2.0	5.2
WNW	.4	.6	.6									1.5	5.7
NW	1.1	.2	.4									1.6	4.1
NNW	1.3	1.3	.1									2.9	3.6
VARBL	3.9	.5	.2	.7								5.3	3.7
CALM												43.3	
	18.8	18.9	14.9	3.9	.2							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 855

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

33053
STATION

FULDA GERMANY AAF
STATION NAME

60-70
YEARS

SEP
MONTH

ALL WEATHER
CLASS

900-11
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	3.4	1.2	.1								5.4	4.5
NNE	.5	.4	.8	.1								1.9	6.1
NE	.2	.2	.4	.2								1.1	7.1
ENE		.3	.1									.4	5.5
E	.4	.2	.1									.8	3.9
ESE	1.2	.1	.3	.1								1.7	4.4
SE	1.3	.7	.1									2.1	3.7
SSE	.5	.7	.5	.1								1.9	5.6
S	1.1	3.6	4.5	1.5	.1							10.7	7.5
SSW	.4	2.3	6.0	1.9								10.6	8.1
SW	.8	2.5	3.6	2.8	.2							10.2	6.7
WSW	.1	.1	3.2	1.9	.5							5.8	11.0
W	.2	1.0	1.7	1.2								4.2	8.5
WNW	.4	.5	1.0	.3								2.3	7.5
NW	.4	1.1	.4	.1								2.1	5.3
NNW	1.4	1.3	.4									3.2	4.2
VARBL	4.4	1.6	.3	.7								7.0	3.8
CALM												27.8	
	15.2	20.1	25.0	11.0	.9							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 915

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/VAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35033 STATION NAME FULDA GERMANY AAF YEARS 60-70 MONTH SEP
CLASS ALL WEATHER HOURS (LST) 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.2	1.7	.2								5.2	6.1
NNE	.6	.6	1.6	.3								3.7	7.1
NE	.1	1.0	1.0	.4								2.6	7.3
ENE	.2	.9	.2	.1								1.5	4.9
E	.5	.6	.4									2.1	4.1
ESE	.3	.2	.6	.3								1.5	7.5
SE		.8	.7	.1								1.4	7.2
SSE	.3	.8	1.0	.2								2.4	6.7
S	.6	3.2	6.6	2.6								13.2	8.3
SSW	.4	2.0	4.3	2.1								8.8	8.4
SW	.4	2.2	6.4	3.7	.1							12.9	9.1
WSW	.1	.8	4.3	3.1	.4	.1						9.1	10.5
W	.4	.9	3.5	2.5	.2							7.5	9.7
WNW	.8	.6	.7	.4								2.5	6.9
NW	.9	1.1	1.2	.2								3.5	6.1
NNW	.8	1.2	.4									2.5	4.6
VARBL	5.6	2.7	.4	.7								9.4	3.8
CALM												10.6	
	14.0	22.1	35.2	17.2	.8	.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 893

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

50-70
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.9	1.9	.4								6.2	5.0
NNE	.7	2.8	3.3	.1								6.9	6.5
NE	.4	1.5	1.1	.1								3.0	5.3
ENE	.2	.7	.6	.4								1.9	7.3
E		.5	.2									.5	5.1
ESE	.2	.8	.6	.4								2.1	7.1
SE	.5	1.1	.8	.1								2.5	6.1
SSE	.5	1.3	1.1	.1								2.9	5.4
S	.7	3.7	6.0	1.3								11.7	7.4
SSW	1.3	2.3	4.3	1.6	.1							9.7	7.7
SW	.5	2.9	6.1	2.2								11.7	6.2
WSW	.7	2.0	3.4	3.2	.4							9.6	9.2
W	.8	2.0	3.7	2.7	.5							9.7	8.9
WNW	.4	.5	1.2	.6								2.6	7.9
NW	.5	2.0	1.1	.1								3.6	6.1
NNW	.8	1.3	.5	.1								2.7	5.0
VARBL	2.7	1.8	1.2	.5								6.1	4.6
CALM												6.3	
	11.8	30.2	36.9	13.8	.9							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

854

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/14C

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25053
STATION

FULDA GERMANY AAF
STATION NAME

61-70
YEARS

SEP
MONTH

ALL WEATHER
CLASS

18-20
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	3.4	.7									7.3	3.3
NNE	1.4	3.0	1.2									5.7	4.0
NE	.7	1.1	1.6									3.4	6.0
ENE	.2	.5	.2	.2								1.1	6.0
E	.2	.5										.7	4.0
ESE	.2	.5										1.1	3.7
SE	1.1	1.6	.2									2.9	4.4
SSE	1.1	1.6	.4									3.0	4.3
S	2.1	6.2	1.2	1.1								10.7	5.2
SSW	3.0	5.0	2.7	.7								11.4	5.5
SW	2.5	3.2	2.5	1.4								9.6	6.4
WSW	2.1	2.5	2.7	.5								7.8	6.0
W	2.7	2.7	1.8	1.1								8.2	5.9
WNW	.4	1.4	.7									2.5	3.5
NW	.9	.4	.4									1.6	4.2
NNW	1.2	1.6										2.8	3.6
VARBL	3.6	.4		.2								4.1	2.5
CALM												15.2	
	26.9	35.0	16.2	5.2								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 562

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

62-63,65,67
YEARS

SEP
MONTH

ALL WEATHER
CLASS

210-230
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.1										2.7	3.6
NNE		.5										.5	6.2
NE			.5	.5								1.1	9.5
ENE		.5	.5									1.1	5.5
E	.5											.5	3.0
ESE	.5											.5	2.0
SE	1.1	1.1										2.2	3.3
SSE	2.7	1.6	.5									4.9	4.4
S	9.2	5.4	1.6	3.2								19.5	5.1
SSW	2.2	2.9	1.6	.5								10.3	5.3
SW	1.5	2.2	2.2	.5								6.5	6.2
WSW	.5	.5	2.2									3.2	6.7
W	.5	.5	.5	.5								2.2	7.0
WNW	2.2											2.2	2.5
NW	1.6											1.6	3.0
NNW	3.2	2.7										5.9	3.3
VARBL													
CALM												33.1	
	27.6	22.2	9.7	5.4								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 195

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23053
STATION

FULDA GERMANY AAF
STATION NAME

65,67
YEARS

CT
MONTH

ALL WEATHER
CLASS

000-0200
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	.5										2.7	3.0
NNE		.5										.5	6.0
NE													
ENE													
E	.5											.5	2.0
ESE	1.0	1.1										.7	3.0
SE	2.7	.5										.2	2.9
SSE	4.8	1.1										.9	2.7
S	2.7	5.4	1.6									.7	4.9
SSW	1.0	1.6	2.2	1.6	.5							.5	9.1
SW		3.8	2.7	5.4								.8	9.0
WSW	1.1		2.2	2.2								6.5	9.3
W	1.0	1.1	.5	.5								3.8	5.6
WNW		1.6	.5									2.2	5.3
NW	1.1	3.2										.3	4.0
NNW	1.0	2.2										3.8	3.6
VARBL													
CALM												34.9	
	21.5	22.6	10.8	2.7	.5							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 186

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-65,67-70
YEARS

CT
MONTH

ALL WEATHER
CLASS

30-60
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.9	.5									1.6	5.1
NNE	.2	.7	.5	.2								1.6	6.3
NE	.2	.7										.9	4.1
ENE	.5											.5	2.1
E	.7	.5										1.1	3.1
ESE	2.1	.9										3.1	3.2
SE	1.0	.9										2.5	3.1
SSE	1.4	.7										2.1	3.2
S	2.3	4.8	2.1	.9								10.3	5.7
SSW	.9	2.7	2.1	1.4								3.1	7.3
SW	.7	3.4	2.3	2.1	.2	.2						9	8.3
WSW	.5	.9	3.9	1.6	.2							7.1	9.3
W	.7	.9	.7									2.3	5.1
WNW	.5	.7	.2									1.4	4.3
NW	.7	.9	.5	.2								2.3	5.5
NNW	1.8	.5										2.3	2.8
VARBL	3.9	.7										4.6	2.3
CALM												40.7	
	18.8	20.8	12.6	6.4	.5	.2						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 437

DATA PROCESSING DIVISION
BTAC/USAF
AIR WEATHER SERVICE/MAG

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

60-70
YEARS

CT
MONTH

ALL WEATHER
CLASS

60-70
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.5	1.1	.1								5.4	5.7
NNE	.1	1.0	1.2	.2								2.5	7.5
NE	.2	.7	.3	.1								1.3	5.4
ENE	.2		.1									.3	4.7
E	.7	.4										1.1	3.1
ESE	1.0	.3										1.3	3.0
SE	1.7	.9	.1									2.5	3.6
SSE	1.5	2.3	.2									4.1	4.7
S	3.2	4.0	2.8	1.0								10.9	5.7
SSW	.8	2.9	1.8	1.9	.1	.1	.2					7.7	5.6
SW	1.0	2.2	1.5	2.8	.1	.2						7.8	5.9
WSW	.1	1.4	1.7	1.1	.1							4.4	5.8
W	.4	.9	1.1	.7	.1							3.2	5.4
WNW	.3	.2	.2	.1								.9	5.9
NW	1.2	1.0	.4	.1								2.8	4.5
NNW	.6	1.2	.3									2.1	5.1
VARBL	3.3	.4	.2	.6	.2							5.0	4.4
CALM												36.6	
	18.2	22.4	13.1	8.6	.7	.3	.2					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

906

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/4AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25053
STATION

FULDA GERMANY AAF
STATION NAME

60-72
YEARS

CT
MONTH

ALL WEATHER
CLASS

1970-11
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	2.5	1.1	.4								6.1	5.2
NNE	.3	.7	1.5									2.3	7.1
NE	.4	.7	.6	.1								1.7	5.6
ENE	.2	.1	.1	.1								.5	3.5
E	.4	.1	.1									.6	4.5
ESE	.4	.2		.1								.6	4.7
SE	.2	.8		.2								1.3	4.5
SSE	.3	1.5	.3		.1							2.5	4.9
S	2.1	4.3	5.1	2.3								13.5	7.2
SSW	.5	2.4	4.6	1.9	.5							10.0	8.3
SW	.2	2.8	4.2	3.1	.4	.1	.1					10.8	9.5
WSW		1.0	2.5	1.0	.1	.2						4.9	9.5
W	.2	1.0	2.4	1.4	.2							5.3	9.1
WNW	.2	.2	.4	.5								1.3	9.1
NW	.4	1.6		.3								2.3	5.3
NNW	.9	1.0	.6									2.5	5.0
VARBL	4.0	.5	.5	.7	.1							6.4	4.2
CALM												26.3	
	14.3	21.3	24.2	11.9	1.4	.3	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

961

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

35053
STATION

FULDA GERMANY AAF
STATION NAME

60-70
YEARS

CT
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	2.1	1.9	.1								4.9	5.7
NNE	.6	1.5	2.5	.7								5.4	7.5
NE	.1	.6	1.6	.2								2.5	7.5
ENE	.4	.2	.2	.2								1.8	8.5
E	.2	.1	.1									.4	4.3
ESE	.3	.1	.2	.3								.9	7.2
SE	.6	.4	.4	.1								1.6	5.3
SSE	.3	.2	.7									1.3	5.5
S	1.3	3.4	6.7	3.1								14.5	4.2
SSW	.2	2.4	6.1	3.0	.1							11.9	8.9
SW	.6	1.7	6.8	5.2	.9	.3						15.6	10.3
WSW	.1	1.3	3.8	1.7	.1							6.9	9.1
W	.2	.7	2.5	1.5	.1							5.0	9.3
WNW	.2	1.0	.6	.8	.1							2.8	8.1
NW	.5	1.2	.7	.6								3.0	6.7
NNW	1.3	1.7	.4	.1								3.5	4.6
VARBL	3.8	.9	.4	.6	.2							6.0	4.7
CALM												12.7	
	11.6	19.5	35.8	18.3	1.6	.3						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

953

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

60-73
YEAR

12
MONTH

ALL WEATHER
CLASS

150-17
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.6	1.0	.1								4.7	5.4
NNE	.3	1.4	3.3	.5								5.5	7.2
NE	.3	1.7	3.0	.2								5.3	7.1
ENE	.1	.3	.3									.8	6.7
E		.1	.1									.2	5.5
ESE	.3	.2	.4									1.0	5.2
SE	.4	.4	.3	.2								1.4	6.3
SSE	.2	1.0	.9									2.1	6.3
S	1.8	5.9	5.2	1.8	.2							15.0	7.1
SSW	.9	3.7	4.0	2.1	.1							10.8	7.9
SW	1.3	5.1	6.1	3.3	.7	.2						16.6	8.3
WSW	.7	2.5	3.6	1.7	.2			.1				8.8	8.3
W	.4	2.1	3.6	.5			.1					6.7	8.1
WNW	.5	.7	.5	.4								2.2	6.9
NW	.5	1.2	.5	.4	.1							2.9	6.9
NNW	1.1	1.2	.7									2.9	4.7
VARBL	1.6	.8	.2	.3								2.9	4.4
CALM												10.0	
	11.6	31.0	33.8	11.6	1.3	.2	.1	.1				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 919

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35053 STATION NAME FULDA GERMANY AAF YEARS 61-70 CT 07
NORTH
CLASS ALL WEATHER 1800-2100
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.9	.3									4.5	3.7
NNE	.9	3.0	1.6	.2								5.6	5.7
NE	.2	1.6	1.7									3.5	6.4
ENE		.3	.3									.7	6.0
E		.3										.5	4.0
ESE	.2											.2	2.0
SE	.2	.9										1.0	4.3
SSE	1.2	1.7	.2									3.1	3.8
S	3.1	6.1	1.9	1.4								12.6	5.6
SSW	3.1	2.3	4.9	.5								10.8	6.0
SW	2.4	3.8	4.2	1.0	.3	.2						12.0	7.0
WSW	1.2	3.3	2.1	.7								7.3	6.3
W	.7	1.7	2.1	1.7								6.3	7.7
WNW	.3	.3	.7	.2	.2							1.7	8.2
NW	.7	.9	.2									1.7	4.1
NNW	1.0	1.2	.3									2.6	4.3
VARBL	4.4	.3	.2									4.9	2.5
CALM												20.8	
	22.0	30.0	20.8	5.8	.5	.2						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 573

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35053 STATION NAME FULDA GERMANY AAF YEARS 65,67 MONTH ALL
CLASS ALL WEATHER MONTH 2100-2300
CONDITION ALL WEATHER HOURS (L & T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0											1.6	2.7
NNE		3.2										3.2	4.0
NE		.5	.5									1.1	5.0
ENE													
E	.5											.5	1.0
ESE													
S	1.0	.5										2.2	3.0
SSE	.5	.5										1.1	3.0
S	3.8	5.4	.5	2.2								11.8	3.9
SSW	3.2	4.8	3.4	2.2								13.6	6.9
SW	1.6	3.2	4.8	2.7	.5							12.9	7.9
WSW	2.2	2.7	1.6	1.6								8.1	6.3
W	2.2		1.1	4.3								7.5	9.3
WNW	1.6	1.1		.5								3.2	5.0
NW	.5	2.2										2.7	3.8
NNW	2.2	1.1										3.2	3.2
VARBL													
CALM												25.3	
	21.2	25.2	14.0	13.4	.5							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 186

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

65-67
YEARS

7
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.9										2.6	4.1
NNE	.4	1.9	1.1									3.3	5.1
NE	.4	.7	3.3									4.5	7.2
ENE			.4									.4	1.0
E	1.5	.4	1.1									3.0	4.5
ESE	.4	.7										1.1	4.3
SE	.4	1.1										1.5	3.3
SSE	.7		.4									1.1	4.1
S	1.5	4.5	3.0	3.0	.4							12.3	7.6
SSW	3.0	4.1	4.8	1.1		.4						13.4	6.9
SW	.7	3.0	2.6	3.3	.7	.4	.4					11.2	10.6
WSW	.4	.7	1.1	1.5	1.1							4.8	10.9
W	.4	1.9	1.1	.7	.4							4.5	7.7
WNW	.7	.7										1.5	3.3
NW	.4	1.5										1.9	4.4
NNW	1.5	2.2										3.7	3.4
VARBL													
CALM												29.4	
	13.0	25.3	19.0	9.7	2.6	.7	.4					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 269

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-69
YEARS

ALL WEATHER
CLASS

MONTH
1200-1500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.8	.4									5.2	4.2
NNE	.9	1.9	1.7	.2								4.7	5.9
NE	.2	.4	2.1	.5	.2							3.6	8.7
ENE	.2	.2	.2									.4	5.7
E	.6		.2	.4								1.3	6.3
ESE	.9	.2										1.1	2.6
SE	.4	.4	.2									1.1	4.4
SSE	1.1	.9	.4									2.4	4.3
S	3.2	4.7	4.5	1.5								13.9	6.2
SSW	1.7	4.1	4.7	2.6	.2							13.3	7.5
SW	.6	2.8	1.5	2.6	.9			.2				8.5	10.1
WSW	.9	1.3	1.1	1.5	.6	.4						5.8	10.3
W	.6	1.7	.9	.6								3.9	6.7
WNW	1.1	.4			.2							1.7	3.0
NW	1.1	1.3										2.6	3.5
NNW	1.7	1.7		.2								3.6	4.1
VARBL	1.3	.4										1.7	2.5
CALM												24.9	
	18.5	25.5	18.0	10.3	2.1	.4		.2				100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 466

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

60-7
YEARS

MONTH

ALL WEATHER
CLASS

600-3
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.5	.2	.1								3.6	4.1
NNE	.6	1.0	2.2	.2								4.2	5.7
NE	.2	.6	1.5	.5								2.8	4.0
ENE	.1	.2	.6	.6	.2							1.8	10.5
E	.6	.4	.2									1.2	4.3
ESE	.1	.2										.4	3.3
SE	.6	.8										1.5	3.7
SSE	1.9	.6	.1									2.7	3.2
S	1.9	4.8	4.4	1.5								12.6	6.3
SSW	1.1	3.4	4.7	2.4	.2							11.9	3.0
SW	.8	2.5	2.8	3.1	1.1							10.4	9.7
WSW	.1	1.1	1.8	1.6	.6							5.2	10.3
W	.6	1.5	1.3	.7								4.1	7.1
WNW	.1	1.0	.2	.6								1.9	7.5
NW	1.7	1.5	.1									3.3	3.8
NNW	1.5	1.6	.2	.1								3.4	4.1
VARBL	4.2	.7		.4								5.3	3.1
CALM												24.0	
	18.2	23.4	20.5	11.8	2.2							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

825

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

60-70
YEARS

MONTH

ALL WEATHER
CLASS

09-11
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	2.2	.3									4.0	4.3
NNE	.5	.7	1.8	.3								3.3	7.2
NE	.6	.3	1.0	.9								2.8	7.9
ENE	.2	.3	.2	.8								1.4	5.5
E	.7	.1	.2	.3								1.3	5.9
ESE	.3	.3		.2								.9	3.5
SE	.7	1.3	.1									2.1	3.9
SSE	1.2	1.4	.4	.3								3.0	5.3
S	1.1	4.4	5.3	2.6								13.4	7.6
SSW	.6	3.0	5.1	2.7	.3							11.7	8.4
SW	.7	2.2	4.0	3.9	1.4	.7						12.3	11.0
WSW	1.3	.9	1.8	1.0	.3							5.8	5.1
W	1.0	.8	1.9	.8								4.4	7.4
WNW	.3	.3	.4	.2								1.3	5.3
NW	.9	1.3	.3									2.4	4.3
NNW	1.3	2.0										3.3	3.9
VARBL	1.1	.6	.2	.6	.1							2.6	5.3
CALM												23.2	
	13.4	21.9	23.2	15.3	2.2	.7						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

60-70
YEARS

NORTH

ALL WEATHER
CLASS

120-140
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.0	.6									3.5	4.0
NNE	.5	1.1	2.3	.5	.1							4.5	7.0
NE	.6	.6	1.9	.2								3.3	7.3
ENE		.1	.3	.8								1.3	1.4
E	.3	.5	.7	.5								2.1	5.5
ESE	.1	.3	.3	.1								.9	7.4
SE	.3	.8	.3	.1								1.5	5.5
SSE	.9	.8	.3	.3								2.4	5.5
S	1.1	4.9	4.2	4.7	.2							14.5	8.2
SSW	.7	3.2	5.4	2.1	.1							12.4	8.2
SW	.3	2.1	3.8	4.3	1.7	.6	.2					14.7	11.2
WSW	.1	1.1	2.8	2.7	.6	.1	.1					7.6	10.9
W	.2	.6	2.8	1.3	.1							5.0	9.3
WNW	.7	.1	.3	.7								2.3	8.1
NW	1.5	2.2	.1									3.3	4.2
NNW	1.0	2.2	.2									4.0	4.3
VARBL	1.5	.7	.3	1.1								3.2	7.4
CALM												13.4	
	10.7	22.9	30.6	18.5	2.8	.7	.3					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 378

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

60-70
YEARS

ALL WEATHER
CLASS

15 1-17
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.4	1.2	.1								3.4	5.3
NNE	.5	1.2	2.3	.2								4.3	7.1
NE	.7	1.2	1.7	1.1								4.6	7.5
ENE		1.0	.5	.4								1.9	7.3
E	.1	.7	.5	.2								1.5	7.2
ESE	.5	.4	.2									1.1	4.6
SE	.4	.5	.5									1.3	5.3
SSE	.2	.8	1.1	.2								2.7	6.1
S	1.4	6.3	6.0	2.0	.2							16.2	7.4
SSW	2.0	4.3	5.8	1.6								13.9	6.9
SW	1.7	3.0	6.0	4.2	1.1	.3	.2					16.5	10.2
WSW	.4	1.0	2.3	1.4	.1	.1						5.2	9.1
W	.4	1.4	1.5	1.1								4.4	8.2
WNW	.5	1.1	.5	.7	.2							3.0	3.7
NW	1.3	1.8	.2	.4								3.7	5.1
NNW	1.1	1.7	.2	.1								3.1	4.5
VARBL	.5	.4	.4	.1								1.7	7.2
CALM												11.3	
	13.1	28.0	30.7	16.3	1.8	.6	.2					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

840

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053 STATION FULDA GERMANY AAF 51-72 YEARS MONTH 12-1-2 HOURS (LST) ALL WEATHER CLASS CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.7	.6									4.2	4.3
NNE		1.5	2.3	.6								4.4	7.1
NE	1.1	1.1	1.5	1.1								4.9	7.1
ENE	.6	.8	.8	.4								2.3	5.7
E	.4	.4		.4								1.1	3.7
ESE	.8	.6		.2								1.5	4.9
SE	.4					.2						.4	9.1
SSE	.8	1.5	.2	.2	.2							2.9	5.9
S	2.1	5.5	4.0	1.9	.2							13.7	6.1
SSW	1.7	3.4	5.3	1.1	.4							12.0	7.6
SW	.4	3.6	5.1	2.9	.6	.2	.2					13.1	9.1
WSW	.8	.8	1.3	1.9								4.8	3.4
W	.6	1.1	1.1	1.3								4.2	5.2
WNW	.4	.8	.2									1.3	4.3
NW	1.7	.2	.8	.4								3.1	5.4
NNW	1.3	2.1	.4									3.8	4.4
VARBL	2.2	.4		.2								3.9	2.9
CALM												18.6	
	12.5	26.6	23.4	12.5	1.3	.4	.2					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 525

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/TAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

35053
STATION

FULDA GERMANY AAF
STATION NAME

65-67
YEARS

ALL WEATHER
CLASS

21-23
MONTH

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	1.5										3.3	2.4
NNE	.7	2.6	1.5									4.3	3.5
NE	.7	.7	1.9									3.3	4.3
ENE		.7	.7									1.5	6.3
E	1.5	1.1	.4									3.3	3.3
ESE	1.5	.7										2.2	3.3
SE		1.1										1.1	4.3
SSE		1.5	.4									1.9	4.3
S	1.5	2.6	2.6	.7		.4						7.8	4.3
SSW	3.3	2.2	3.6	3.3	1.5	1.5						17.7	1.1
SW	1.1	2.2	1.9	2.2	.4							7.8	3.6
WSW	.7	1.1	1.1	2.6	.7							6.3	1.1
W	2.6	2.2	1.5	.4	1.1							7.8	7.3
WNW	.7		1.1									1.9	3.6
NW	1.5	1.1	.4									3.3	4.3
NNW	.7	2.6	.4									3.7	4.4
VARBL													
CALM												23.7	
	18.1	24.1	17.3	9.3	3.7	1.9						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 27

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

35053
STATION

FULDA GERMANY AAF
STATION NAME

64-66
YEARS

LEU
MONTH

ALL WEATHER
CLASS

10-12
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0											1.4	2.3
NNE		1.0	1.0									2.4	5.4
NE		.5	1.0									1.5	7.1
ENE		.5		.2								1.7	9.1
E				.2								.5	12.1
ESE													
SE													
SSE	3.1	1.0										4.7	3.4
S	3.7	5.8	5.2	1.0								15.7	6.1
SSW	1.0	3.7	5.2	2.0								12.1	7.6
SW	.5	.5	5.2	3.1	1.0	1.0	.5					12.6	12.9
WSW	2.0	2.0	1.0	2.0			.5					9.4	8.3
W	1.0	2.0	6.8	2.1	.5							13.1	2.0
WNW	.5	1.0	2.1									4.2	3.9
NW	1.0	.5	.5									2.6	4.6
NNW	1.0	3.7	.5									5.8	4.6
VARBL													
CALM												11.5	
	17.3	24.6	29.8	12.6	2.1	1.0	1.0					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 191

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35053 STATION NAME FULDA GERMANY AAF YEARS 61-69 MONTH SEC
CLASS ALL WEATHER HOURS (L S T) 3 00 - 3
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	3.3	.7									6.1	4.3
NNE	1.2	.5	.9									2.6	4.2
NE		.9	1.4									2.4	4.1
ENE		.2										.2	4.0
E	.2	.9										1.2	4.2
ESE	1.2	.2										1.4	2.2
SE	.7	.7	.5									1.9	4.4
SSE	.7	.9	.2	.5								2.4	5.4
S	2.8	6.6	2.8	.9								13.2	5.7
SSW	.9	3.1	2.6	1.9	.2							6.7	7.6
SW	.9	1.4	4.5	4.0	.5	.2	.5					12.0	11.0
WSW		1.2	3.1	1.7	.2	.5	.2					6.8	11.2
W	.7	1.2	3.1	2.6	.2							7.8	9.3
WNW	1.4	.2		.2								1.9	3.7
NW	1.9	1.4	.9	.2	.2							4.7	5.9
NNW	1.2	2.1	.2	.2								3.8	4.8
VARBL	3.1	.2										3.3	1.9
CALM												19.6	
	19.1	25.2	21.0	12.3	1.4	.7	.7					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 424

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35053 STATION NAME FULDA GERMANY AAF YEARS 60-70 MONTH 30
CLASS ALL WEATHER HOURS (L.S.T.) 5100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.4	1.4	.1								5.4	3.2
NNE	.8	1.3	.8	.8								3.7	5.0
NE	.4	.7	.9	.6								2.3	5.0
ENE		.3	.1	.2								.7	7.4
E	.2	.1		.1								.5	5.4
ESE	.5	.2										.7	3.7
SE	1.2	.5										1.0	2.9
SSE	1.4	2.2	.7	.2								4.5	4.3
S	2.7	5.4	3.5	1.7								13.3	5.3
SSW	1.4	2.2	3.3	2.1	.3							9.3	5.2
SW	.7	2.2	2.9	3.0	1.5	.7	.2					11.2	11.4
WSW	.7	1.0	1.4	2.3	.3	.5						6.2	10.3
W	.2	1.6	1.7	1.5								5.1	8.4
WNW	.7	1.4	1.2	.2								3.5	5.9
NW	1.4	1.3	.2									2.9	4.1
NNW	.8	.8	.3									2.1	4.3
VARBL	1.0	.3	.3									2.3	3.4
CALM												24.8	
	15.8	24.0	18.9	12.9	2.2	1.2	.2					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 967

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/VAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35053 STATION NAME FULDA GERMANY AAF YEARS 60-70 MONTH DEC
CLASS ALL WEATHER HOURS (LST) 1900-1100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	2.9	1.3	.1								6.4	4.7
NNE	.3	1.6	2.2	.5								4.7	7.5
NE		.4	.7	.2								1.4	3.7
ENE	.1	.3	.3	.1								.9	6.5
E	.2	.2	.1									.5	4.8
ESE	1.5	.2										1.2	2.5
SE	1.3	.6	.1	.1								2.1	4.1
SSE	2.7	1.5	.9	.3								4.7	4.3
S	3.9	6.0	3.5	.5								14.3	5.3
SSW	1.2	2.1	3.3	3.1	.3							10.1	3.7
SW	.1	1.5	2.8	2.7	1.3	.9						9.2	12.2
WSW	.3	.4	1.5	2.2	.4	.1						3.7	11.2
W	.3	.3	1.4	1.5	.1							3.6	9.8
WNW	.2	1.7	1.0	1.1			.1					4.1	3.3
NW	1.7	1.0	.7									2.7	4.9
NNW	.6	1.3	.3	.1								2.4	4.6
VARBL	4.8	.4	.1									5.3	2.2
CALM												21.2	
	19.5	23.2	20.3	12.6	2.1	1.0	.1					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 935

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ IAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 35053 STATION NAME FULDA GERMANY AAF YEARS 60-70 MONTH DEC
CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.6	.5	.3								5.6	4.7
NNE	.0	1.4	1.7	.7								4.3	7.4
NE		1.3	.7	.2								2.2	6.0
ENE		.5	.5									.9	5.7
E	.2	.1	.1									.5	4.3
ESE	.5	.2										.7	3.9
SE	.7	.2	.1									1.0	3.7
SSE	.9	.8	.8	.2		.1						2.9	6.4
S	3.2	5.4	5.0	.8	.1							14.5	6.2
SSW	1.0	3.3	3.3	2.2	.1							9.9	7.7
SW	.7	1.1	3.3	3.9	.9	.6	.3					17.6	11.0
WSW	.1	1.3	1.6	2.7	.1							5.4	10.1
W	.5	.5	1.3	2.9	.6							5.9	11.0
WNW	.9	.8	.9	1.3								3.9	7.9
NW	1.9	1.5	.3	.2								4.0	4.7
NNW	.9	1.1	.2	.2								2.5	5.1
VARBL	3.9	1.4		.1								5.4	2.9
CALM												19.1	
	18.2	23.5	20.6	15.8	1.4	.7	.3					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 375

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULDA GERMANY AAF
STATION NAME

50-71
YEARS

10-17
MONTH

ALL WEATHER
CLASS

10-17
HOURS (E.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	2.4	.5	.1								5.1	4.7
NNE	.7	1.6	1.9	.5								4.7	7.1
NE	.4	.5	1.0	.5								2.3	7.5
ENE		.5	.2									.7	5.7
E		.3	.4									.3	5.6
ESE	.2	.5	.2									1.7	4.7
SE	.4	.2	.1									.7	4.3
SSE	1.2	.6	.2									2.1	3.7
S	3.1	6.2	4.0	.9								14.1	6.7
SSW	1.5	3.3	5.2	1.8	.4							12.2	7.7
SW	1.3	2.6	2.4	2.7	1.2	.4	.2					10.6	10.4
WSW	.6	.7	1.7	1.7	.2							5.7	9.7
W	1.2	1.0	3.5	1.8	.2							7.3	8.6
WNW	1.1	.5	1.0	.9	.4							3.3	3.7
NW	1.7	1.7	.4	.2		.1						4.1	5.1
NNW	1.2	1.0	.4		.1							2.7	4.8
VARBL	3.0	.9		.1								4.0	2.7
CALM												18.7	
	19.7	24.6	23.2	11.2	2.6	.5	.2					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

822

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053 STATION FULDA GERMANY AAF 60-70 YEARS 1960 NORTH 1961-2 HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	2.0	.7									3.9	3.0
NNE	.2	2.2	1.3	.2								3.9	5.5
NE	.4	.7	.6	.2	.2							2.0	7.1
ENE		.2		.2								.4	1.0
E	.2	.2										.4	3.0
ESE	.0	.2										.7	2.0
SE	.4	.9										1.3	4.0
SSE	1.1	.7	.2									2.0	3.0
S	3.5	6.3	2.8	1.3								13.9	3.6
SSW	.7	4.6	3.9	2.6	.2	.4						12.4	7.2
SW	.7	1.5	2.8	3.2	.2	.7						9.1	1.0
WSW	.7	1.1	2.2	2.8								6.9	9.1
W	.2	1.1	3.3	1.9								6.5	9.0
WNW	.9	.7	1.1	.7								3.5	7.1
NW	1.5	.4	.9	.4								3.2	5.6
NNW	2.8	1.3	.9									5.0	3.9
VARBL	3.7	.4										4.1	2.2
CALM												19.7	
	20.6	24.7	20.8	13.4	.6	1.1						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 539

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053 STATION FULDA GERMANY AAF 64-66 YEARS MONTH 21-23
STATION NAME CLASS ALL WEATHER HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.5										1.1	3.2
NNE		2.2	.5	.5								3.2	7.2
NE	.5	1.1	2.2									3.7	5.4
ENE				.5								.5	14.1
E				.5								.5	15.1
ESE	.5											.5	3.1
SE	1.1											1.1	2.5
SSE	2.7	1.6	.5	1.1								5.9	5.3
S	3.8	8.6	3.2	2.2								17.7	5.3
SSW	1.6	2.7	3.8	3.2	1.1							12.4	2.9
SW		1.6	3.2	4.8	1.6							11.3	12.1
WSW		1.1	1.1	2.7	1.6							6.3	11.1
W	1.1	2.7	3.2	2.7								9.7	7.1
WNW	1.1	2.2	2.2	1.1								6.3	7.1
NW	.5	1.6	.5	1.1								3.8	7.3
NNW	1.1	1.6	.5									3.2	4.3
VARBL													
CALM												12.4	
	14.5	27.4	21.0	20.4	4.3							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 126

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

35053
STATION

FULLA GERMANY AAF
STATION NAME

63-71
YEARS

-LL
MONTH

INSTRUMENT

CLASS

CIG 200 TO 140 FT. / VSBY 1/2 - 1 OR MORE

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI. / CIG 200 FT OR MORE

-LL
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	3.5	2.2	.3								5.1	5.5
NNE	.5	1.6	2.5	.7	.0	.0						5.3	7.4
NE	.2	.6	.8	.3	.0							5.7	7.5
ENE	.1	.2	.1	.1	.0	.0	.0					5.8	7.1
E	.3	.2	.0									5.5	3.3
ESE	.4	.1	.0									5.4	3.1
SE	.5	.5	.1	.1		.0						5.4	3.6
SSE	1.2	1.2	.3	.1	.0	.0						2.0	4.3
S	2.5	5.0	3.6	1.0	.0	.0						12.1	5.2
SSW	1.1	2.9	3.6	1.5	.2	.1						9.3	7.7
SW	.7	2.2	3.5	3.0	.8	.4	.1	.0	.0			10.5	10.4
WSW	.4	.8	1.4	1.1	.2	.0	.0					4.7	5.2
W	.5	.7	1.0	.6	.1			.0				2.8	5.1
WNW	.7	.9	.5	.3	.1		.0					2.4	5.4
NW	1.3	1.9	.7	.3	.1	.0						4.3	5.5
NNW	1.7	2.4	.9	.2	.0	.0						5.2	5.7
VARBL	3.1	.5	.0	.1								3.9	2.2
CALM												24.3	
	17.2	25.3	21.3	9.2	1.6	.5	.2	.0	.0			100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 14405

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABLE

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{5}{16}$	$\geq \frac{1}{8}$	≥ 0
NO CEILING																
1800																
1500					91.0											92.6
1200																
1000																
900																
800																
700																
600																
500										97.4						98.1
400																
300																
200																
100					95.4		96.9			98.3						100.0
0																

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100.0.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 1.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus, 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

DATA PROCESSING DIVISION
USAF ETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053
STATION

FULDA GERMANY AAF
STATION NAME

60-70
YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		19.5	21.2	22.8	23.9	24.4	25.2	25.8	26.1	26.6	26.9	27.1	27.2	27.4	27.4	28.
≥ 20000		23.4	25.3	27.2	28.6	29.1	30.0	30.7	31.1	31.7	32.0	32.2	32.3	32.6	32.6	33.3
≥ 18000		23.4	25.4	27.2	28.6	29.1	30.0	30.7	31.1	31.7	32.0	32.2	32.3	32.6	32.6	33.3
≥ 16000		23.4	25.4	27.2	28.6	29.1	30.1	30.8	31.1	31.7	32.1	32.2	32.4	32.6	32.6	33.4
≥ 14000		23.6	25.6	27.5	28.8	29.4	30.3	31.0	31.3	31.9	32.3	32.4	32.6	32.8	32.9	33.6
≥ 12000		24.2	26.3	28.2	29.5	30.1	31.0	31.7	32.1	32.7	33.0	33.2	33.4	33.6	33.6	34.4
≥ 10000		26.0	28.2	30.3	31.7	32.4	33.3	34.1	34.5	35.1	35.5	35.6	35.8	36.1	36.1	36.9
≥ 9000		27.2	29.5	31.7	33.2	33.9	34.9	35.7	36.1	36.8	37.1	37.3	37.4	37.7	37.7	38.5
≥ 8000		30.0	32.7	35.2	36.9	37.5	38.7	39.6	40.1	40.8	41.2	41.3	41.5	41.8	41.8	42.6
≥ 7000		32.5	35.4	38.0	39.8	40.5	41.8	42.7	43.2	44.0	44.3	44.5	44.7	45.0	45.0	45.3
≥ 6000		34.0	37.0	39.8	41.6	42.8	43.6	44.6	45.1	45.9	46.3	46.5	46.6	46.9	47.0	47.8
≥ 5000		35.9	39.2	42.1	44.0	44.8	46.2	47.2	47.7	48.6	49.0	49.2	49.3	49.5	49.7	50.5
≥ 4500		37.4	40.8	43.8	45.8	46.6	48.0	49.1	49.6	50.5	50.9	51.1	51.3	51.6	51.6	52.4
≥ 4000		40.0	43.7	47.0	49.2	50.0	51.6	52.7	53.3	54.2	54.6	54.8	55.0	55.2	55.4	56.2
≥ 3500		42.6	46.5	50.0	52.3	53.2	54.8	56.0	56.6	57.5	58.0	58.2	58.4	58.7	58.8	59.6
≥ 3000		46.4	50.8	54.7	57.2	58.2	60.0	61.3	61.9	62.9	63.4	63.6	63.8	64.1	64.2	65.1
≥ 2500		50.0	54.9	59.3	62.0	63.2	65.1	66.6	67.2	68.3	68.8	69.0	69.2	69.6	69.6	70.5
≥ 2000		52.8	58.4	63.4	66.4	67.7	69.9	71.6	72.3	73.4	74.0	74.2	74.4	74.8	74.8	75.7
≥ 1800		53.6	59.3	64.4	67.3	68.9	71.2	72.9	73.7	74.8	75.4	75.6	75.9	76.2	76.3	77.2
≥ 1500		55.1	61.3	66.9	70.4	71.8	74.4	76.3	77.1	78.3	78.9	79.2	79.4	79.8	79.8	80.7
≥ 1200		56.6	63.3	69.4	73.4	75.1	78.0	80.2	81.1	82.5	83.2	83.4	83.7	84.1	84.1	85.0
≥ 1000		57.2	64.2	70.7	75.0	76.9	80.1	82.5	83.6	85.1	85.8	86.0	86.2	86.7	86.8	87.7
≥ 900		57.4	64.5	71.2	75.7	77.6	81.0	83.5	84.6	86.2	86.9	87.2	87.4	87.9	88.0	88.8
≥ 800		57.7	65.0	71.9	76.7	78.6	82.4	85.0	86.3	88.0	88.8	89.1	89.4	89.8	89.9	90.8
≥ 700		57.8	65.3	72.4	77.5	79.7	83.5	86.4	87.7	89.6	90.4	90.8	91.1	91.6	91.6	92.5
≥ 600		57.8	65.4	72.7	77.9	80.2	84.2	87.3	88.7	90.7	91.6	92.0	92.4	92.9	92.9	93.8
≥ 500		57.9	65.5	72.9	78.2	80.5	84.7	87.9	89.4	91.6	92.7	93.1	93.5	94.1	94.2	95.1
≥ 400		57.9	65.6	72.9	78.3	80.7	84.9	88.3	89.9	92.3	93.4	93.9	94.4	95.1	95.2	96.3
≥ 300		57.9	65.6	72.9	78.3	80.7	85.0	88.4	90.0	92.5	93.7	94.2	94.7	95.6	95.7	97.3
≥ 200		57.9	65.6	72.9	78.3	80.7	85.0	88.4	90.0	92.6	93.8	94.3	94.9	95.8	95.9	98.3
≥ 100		57.9	65.6	72.9	78.3	80.7	85.0	88.4	90.0	92.6	93.8	94.3	94.9	95.9	96.0	99.3
≥ 0		57.9	65.5	72.9	78.3	80.7	85.0	88.4	90.0	92.6	93.8	94.3	94.9	95.9	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS 38854

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053
STATION

FULDA GERMANY AAF

STATION NAME

61-7.

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

DATE

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING		7.9	9.3	10.7	12.2	13.0	14.1	15.1	15.7	16.1	16.4	16.6	16.7	16.8	16.9	17.1
≥ 20000		9.2	11.0	12.6	14.2	15.1	16.3	17.3	18.1	18.8	19.2	19.4	19.6	19.8	19.9	20.1
IV ≥ 18000		9.2	11.0	12.6	14.2	15.1	16.3	17.3	18.1	18.8	19.2	19.4	19.6	19.8	19.9	20.1
IV ≥ 16000		9.2	11.0	12.6	14.2	15.1	16.3	17.3	18.1	18.8	19.2	19.4	19.6	19.8	19.9	20.1
IV ≥ 14000		9.3	11.0	12.7	14.3	15.2	16.4	17.4	18.2	18.8	19.3	19.5	19.7	19.9	20.0	20.2
IV ≥ 12000		9.7	11.5	13.2	14.7	15.6	16.9	17.9	18.7	19.3	19.8	20.0	20.2	20.4	20.4	20.7
IV ≥ 10000		10.5	12.5	14.3	16.0	16.9	18.2	19.4	20.1	20.9	21.3	21.6	21.8	22.0	22.0	22.3
IV ≥ 8000		11.2	13.3	15.2	17.0	17.9	19.4	20.6	21.4	22.2	22.7	23.1	23.2	23.4	23.5	23.7
IV ≥ 6000		12.6	14.8	17.2	19.1	20.1	21.7	23.2	24.0	25.0	25.5	25.8	26.0	26.2	26.3	26.6
IV ≥ 4000		13.8	16.3	19.1	21.0	22.1	23.9	25.5	26.4	27.4	27.9	28.2	28.4	28.7	28.8	29.1
IV ≥ 2000		14.6	17.2	20.1	22.1	23.1	25.0	26.8	27.7	28.7	29.2	29.5	29.8	30.0	30.1	30.4
IV ≥ 1000		15.8	18.6	21.7	23.8	25.0	27.0	28.6	29.7	30.8	31.3	31.6	31.9	32.1	32.2	32.5
IV ≥ 500		16.6	19.6	23.0	25.3	26.6	28.7	30.5	31.5	32.6	33.2	33.4	33.7	34.0	34.0	34.3
IV ≥ 200		17.7	21.1	24.7	27.1	28.6	30.8	32.8	33.9	35.2	35.7	36.1	36.4	36.7	36.8	37.1
IV ≥ 100		18.9	22.6	26.5	29.0	30.5	32.9	35.1	36.3	37.6	38.2	38.6	39.0	39.2	39.3	39.6
IV ≥ 0		21.0	25.3	29.7	32.7	34.3	37.1	39.3	40.6	42.1	42.8	43.2	43.6	43.8	43.9	44.2
IV ≥ 1800		23.3	28.5	33.6	36.9	38.8	41.8	44.2	45.5	47.1	47.7	48.2	48.6	48.8	48.9	49.3
IV ≥ 1600		25.7	32.1	38.1	42.0	44.4	48.2	51.1	52.6	54.3	55.0	55.5	55.9	56.1	56.2	56.6
IV ≥ 1400		26.3	33.1	39.2	43.2	45.9	49.9	52.9	54.5	56.4	57.1	57.6	58.0	58.2	58.3	58.7
IV ≥ 1200		28.5	36.2	42.9	47.7	50.6	54.8	58.2	60.0	62.2	62.9	63.4	63.8	64.1	64.2	64.5
IV ≥ 1000		30.6	39.2	47.1	52.6	56.1	61.4	65.4	67.4	69.8	70.7	71.2	71.6	71.9	72.0	72.3
IV ≥ 800		31.5	40.5	49.3	55.4	59.2	65.0	69.7	72.0	74.6	75.8	76.2	76.7	77.0	77.1	77.5
IV ≥ 600		31.9	41.3	50.4	56.9	61.0	67.1	71.9	74.5	77.4	78.5	79.0	79.5	79.8	79.9	80.3
IV ≥ 400		32.4	42.3	52.0	59.0	63.4	70.0	75.4	78.2	81.4	82.7	83.3	83.8	84.2	84.3	84.7
IV ≥ 200		32.6	42.8	53.0	60.2	64.8	71.7	77.7	80.7	84.3	85.8	86.4	87.1	87.5	87.6	88.0
IV ≥ 100		32.7	43.1	53.5	61.1	66.0	73.4	80.1	83.5	87.9	90.1	91.1	92.1	92.9	93.0	93.6
IV ≥ 0		32.7	43.2	53.6	61.1	66.1	73.7	80.7	84.4	90.1	92.4	93.7	94.9	96.2	96.6	98.4
IV ≥ 0		32.7	43.2	53.6	61.1	66.1	73.7	80.7	84.4	90.1	92.4	93.7	95.0	96.5	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 4761

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

39053 FULDA GERMANY AAF
STATION STATION NAME

01-71

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ROUTE

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0	
NO CEILING		12.9	14.4	16.1	17.2	18.0	18.7	19.3	19.9	20.8	21.3	21.4	21.6	21.8	21.8	22.2	
≥ 20000		16.8	18.7	20.6	21.9	22.7	23.7	24.6	25.4	26.3	26.8	26.9	27.1	27.4	27.4	27.7	
≥ 18000		16.9	18.7	20.6	21.9	22.7	23.7	24.6	25.4	26.3	26.8	27.0	27.1	27.4	27.5	28.0	
≥ 16000		16.9	18.7	20.6	21.9	22.8	23.7	24.6	25.4	26.4	26.8	27.0	27.2	27.5	27.5	28.0	
≥ 14000		17.1	18.9	20.8	22.1	23.0	23.9	24.9	25.7	26.6	27.1	27.3	27.4	27.7	27.8	28.3	
≥ 12000		17.2	19.0	20.9	22.2	23.1	24.1	25.1	25.9	26.8	27.3	27.5	27.7	28.0	28.1	28.5	
≥ 10000		17.9	19.9	21.9	23.3	24.1	25.2	26.2	27.0	28.1	28.6	28.7	28.9	29.2	29.2	29.6	
≥ 9000		18.9	21.2	23.2	24.5	25.4	26.5	27.5	28.4	29.4	29.9	30.1	30.3	30.7	30.7	31.3	
≥ 8000		20.1	22.7	25.0	26.5	27.4	28.5	29.8	30.8	32.0	32.5	32.7	32.8	33.2	33.2	33.8	
≥ 7000		21.0	23.9	26.3	27.9	28.7	30.1	31.3	32.3	33.5	34.0	34.2	34.4	34.8	34.8	35.4	
≥ 6000		21.9	24.9	27.3	28.9	29.8	31.2	32.4	33.5	34.8	35.3	35.5	35.7	36.1	36.1	36.8	
≥ 5000		23.4	26.6	29.2	30.9	31.8	33.2	34.5	35.6	37.1	37.7	38.0	38.2	38.6	38.6	39.3	
≥ 4500		24.4	27.6	30.3	32.1	33.0	34.5	35.8	36.9	38.5	39.0	39.3	39.5	39.9	39.9	40.6	
≥ 4000		27.2	30.7	33.7	35.6	36.7	38.2	39.7	40.9	42.5	43.1	43.4	43.8	43.9	44.0	44.6	
≥ 3500		29.2	33.1	36.5	38.5	39.6	41.2	42.7	43.9	45.5	46.1	46.4	46.6	46.9	47.0	47.7	
≥ 3000		31.1	35.5	39.7	42.2	43.5	45.3	47.0	48.2	49.9	50.5	50.8	51.1	51.5	51.5	52.2	
≥ 2500		34.8	39.9	44.8	47.6	49.3	51.4	53.6	54.9	56.7	57.3	57.6	57.9	58.3	58.3	59.0	
≥ 2000		38.3	44.6	50.1	53.8	55.7	58.4	61.1	62.5	64.6	65.4	65.8	66.0	66.1	66.5	67.2	
≥ 1800		39.1	45.5	51.4	55.3	57.2	60.2	62.9	64.4	66.5	67.4	67.7	68.0	68.0	68.5	69.2	
≥ 1500		40.3	47.3	53.6	58.3	60.3	64.0	67.0	68.7	70.9	71.8	72.2	72.6	73.0	73.0	73.8	
≥ 1200		42.1	49.8	56.9	62.4	65.0	69.1	72.6	74.5	77.0	78.0	78.4	78.8	79.3	79.3	80.1	
≥ 1000		42.9	50.8	58.2	64.1	67.1	72.0	76.1	78.2	81.3	82.5	83.0	83.4	83.9	83.9	84.7	
≥ 900		42.9	51.0	58.5	64.6	67.7	72.7	77.2	79.4	82.7	84.2	84.6	85.0	85.5	85.5	86.3	
≥ 800		43.4	51.6	59.6	66.0	69.2	74.5	79.4	81.7	85.5	87.0	87.4	87.9	88.5	88.5	89.3	
≥ 700		43.5	51.9	60.3	67.1	70.4	75.8	81.2	83.8	88.0	89.7	90.2	90.7	91.4	91.4	92.1	
≥ 600		43.5	52.0	60.3	67.3	70.8	76.4	82.2	84.8	89.2	91.1	91.7	92.2	93.0	93.0	93.8	
≥ 500		43.5	52.1	60.6	67.8	71.3	77.3	83.3	86.1	90.7	92.8	93.5	94.1	95.0	95.0	95.9	
≥ 400		43.6	52.2	60.8	67.9	71.5	77.5	83.5	86.5	91.4	93.6	94.2	95.0	96.0	96.2	97.2	
≥ 300		43.6	52.2	60.8	68.0	71.6	77.6	83.7	86.6	91.6	93.8	94.5	95.3	96.5	96.6	98.0	
≥ 200		43.6	52.2	60.9	68.0	71.6	77.7	83.7	86.7	91.7	93.9	94.6	95.5	96.7	96.9	98.6	
≥ 100		43.6	52.2	60.9	68.0	71.6	77.7	83.7	86.7	91.7	94.0	94.7	95.6	96.9	97.1	99.4	
≥ 0		43.6	52.2	60.9	68.0	71.6	77.7	83.7	86.7	91.7	94.0	94.7	95.6	96.9	97.1	100.0	

TOTAL NUMBER OF OBSERVATIONS 4343

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF

01-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATION)

HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		17.8	19.6	21.5	22.8	23.6	25.0	26.1	26.4	27.3	27.8	27.9	28.0	28.2	28.2	28.2
≥20000		20.4	22.8	25.0	26.6	27.5	29.0	30.2	30.5	31.4	32.0	32.1	32.2	32.5	32.5	33.3
≥18000		20.4	22.8	25.0	26.6	27.5	29.0	30.2	30.5	31.4	32.0	32.1	32.2	32.5	32.5	33.3
≥16000		20.4	22.8	25.0	26.6	27.5	29.0	30.2	30.5	31.4	32.0	32.1	32.2	32.5	32.5	33.3
≥14000		20.5	22.9	25.1	26.7	27.6	29.1	30.3	30.6	31.5	32.1	32.2	32.3	32.6	32.6	33.4
≥12000		20.7	23.1	25.4	27.0	27.9	29.4	30.6	31.0	31.8	32.4	32.5	32.6	32.9	32.9	33.7
≥10000		21.7	24.4	27.0	28.9	29.8	31.5	32.8	33.1	34.0	34.6	34.8	34.9	35.2	35.2	35.9
≥9000		22.2	25.1	27.9	29.8	30.8	32.5	33.9	34.2	35.1	35.7	35.8	35.9	36.2	36.2	36.9
≥8000		23.9	27.0	30.0	32.0	33.0	34.9	36.3	36.6	37.5	38.1	38.2	38.3	38.6	38.6	39.4
≥7000		25.3	28.6	31.8	33.9	34.9	36.9	38.2	38.5	39.4	40.1	40.2	40.3	40.6	40.6	41.4
≥6000		25.9	29.4	32.8	34.9	36.0	38.0	39.4	39.7	40.6	41.2	41.4	41.5	41.7	41.7	42.5
≥5000		27.8	31.5	35.0	37.2	38.3	40.4	41.8	42.1	43.0	43.7	43.8	43.9	44.2	44.2	44.9
≥4500		29.4	33.3	37.0	39.2	40.4	42.5	44.0	44.3	45.2	45.8	46.0	46.1	46.4	46.4	47.1
≥4000		31.9	35.9	40.2	42.7	43.9	46.2	47.7	48.0	48.9	49.6	49.7	49.8	50.1	50.1	50.9
≥3500		35.5	39.8	44.4	47.1	48.4	50.8	52.4	52.7	53.7	54.4	54.5	54.6	54.9	54.9	55.7
≥3000		39.3	44.3	49.5	52.4	53.7	56.4	58.1	58.5	59.5	60.2	60.3	60.4	60.7	60.7	61.5
≥2500		43.1	49.0	55.1	58.5	60.2	63.0	64.9	65.3	66.4	67.1	67.2	67.3	67.6	67.6	68.3
≥2000		47.0	53.7	61.0	65.0	66.9	70.3	72.5	73.1	74.3	75.1	75.2	75.3	75.6	75.6	76.4
≥1800		47.8	54.7	62.4	66.4	68.3	72.0	74.4	75.0	76.2	77.0	77.2	77.3	77.6	77.6	78.4
≥1500		49.7	57.3	65.5	69.9	72.0	76.1	78.8	79.5	80.8	81.6	81.8	81.9	82.2	82.2	83.0
≥1200		51.5	59.5	68.4	73.6	75.8	80.6	83.8	84.9	86.4	87.3	87.5	87.6	87.9	87.9	88.7
≥1000		52.4	60.8	70.1	75.5	77.9	82.5	86.2	87.4	89.1	90.1	90.3	90.5	90.7	90.7	91.5
≥900		52.8	61.2	70.6	76.2	78.6	83.5	87.3	88.6	90.4	91.3	91.6	91.8	92.1	92.1	92.8
≥800		53.2	61.6	71.5	77.4	80.0	85.1	88.9	90.2	92.2	93.3	93.6	93.8	94.1	94.1	94.9
≥700		53.4	62.1	71.8	77.8	80.4	85.6	89.6	90.9	93.0	94.3	94.7	94.9	95.2	95.2	96.0
≥600		53.5	62.3	72.2	78.3	80.9	86.3	90.4	91.9	94.2	95.5	95.9	96.1	96.4	96.4	97.2
≥500		53.5	62.3	72.2	78.4	81.1	86.6	90.9	92.4	94.8	96.3	96.8	97.0	97.3	97.3	98.1
≥400		53.5	62.3	72.3	78.5	81.2	86.7	91.1	92.7	95.2	96.8	97.3	97.6	97.9	97.9	98.7
≥300		53.5	62.4	72.3	78.6	81.2	86.8	91.1	92.7	95.3	97.0	97.5	97.8	98.2	98.2	99.2
≥200		53.5	62.4	72.3	78.6	81.2	86.8	91.1	92.7	95.3	97.0	97.5	97.8	98.3	98.3	99.5
≥100		53.5	62.4	72.3	78.6	81.2	86.8	91.1	92.7	95.3	97.1	97.6	97.9	98.4	98.4	99.9
≥0		53.5	62.4	72.3	78.6	81.2	86.8	91.1	92.7	95.3	97.1	97.6	97.9	98.4	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 4875

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF

01-79

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-11
NO. 1-11

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		21.2	22.6	24.1	25.1	25.4	25.8	26.2	26.4	26.6	26.7	26.7	26.8	26.9	26.9	27.1
≥ 20000		25.8	27.6	29.5	30.9	31.3	31.7	32.2	32.4	32.7	32.7	32.8	32.9	33.0	33.0	33.4
≥ 18000		23.8	27.6	29.5	30.9	31.3	31.7	32.2	32.4	32.7	32.7	32.8	32.9	33.0	33.0	33.9
≥ 16000		23.8	27.6	29.5	30.9	31.3	31.7	32.2	32.4	32.7	32.7	32.8	32.9	33.0	33.0	33.9
≥ 14000		26.0	27.8	29.7	31.1	31.5	31.9	32.4	32.6	32.9	32.9	33.0	33.1	33.2	33.2	34.1
≥ 12000		26.5	28.3	30.3	31.7	32.1	32.6	33.1	33.3	33.5	33.6	33.7	33.8	33.9	33.9	34.0
≥ 10000		28.8	30.7	32.8	34.2	34.7	35.3	35.8	35.9	36.2	36.2	36.4	36.5	36.5	36.6	37.5
≥ 9000		30.4	32.5	34.6	36.1	36.5	37.2	37.7	37.8	38.2	38.2	38.3	38.5	38.6	38.6	39.3
≥ 8000		33.1	35.4	37.9	39.5	40.1	41.0	41.5	41.7	42.1	42.2	42.3	42.5	42.6	42.6	43.6
≥ 7000		33.9	36.5	41.1	42.9	43.4	44.4	45.0	45.2	45.6	45.6	45.7	45.9	46.1	46.1	47.1
≥ 6000		37.7	40.4	43.2	45.1	45.7	46.7	47.3	47.5	47.9	48.0	48.1	48.2	48.4	48.4	49.4
≥ 5000		39.5	42.3	45.2	47.2	47.8	48.8	49.4	49.6	50.3	50.3	50.4	50.6	50.6	50.6	51.6
≥ 4500		40.8	43.9	46.8	48.9	49.6	50.6	51.2	51.5	51.9	52.0	52.1	52.3	52.5	52.5	53.5
≥ 4000		43.9	47.5	50.6	52.8	53.5	54.5	55.2	55.6	56.1	56.2	56.3	56.3	56.8	56.8	57.8
≥ 3500		46.4	50.4	53.7	56.0	56.7	57.7	58.4	58.8	59.4	59.6	59.7	59.9	60.2	60.2	61.2
≥ 3000		50.5	54.9	58.5	61.0	61.7	62.8	63.5	64.0	64.7	64.9	65.0	65.3	65.5	65.5	66.6
≥ 2500		57.1	62.2	66.4	69.2	70.0	71.3	72.3	72.8	73.5	73.8	74.0	74.2	74.5	74.5	75.6
≥ 2000		61.1	67.2	71.8	74.9	75.8	77.2	78.3	78.9	79.8	80.0	80.2	80.4	80.7	80.7	81.8
≥ 1800		62.3	68.5	73.3	76.4	77.3	78.7	79.8	80.5	81.3	81.6	81.7	81.9	82.3	82.3	83.4
≥ 1500		64.0	70.5	75.6	78.9	79.9	81.5	82.7	83.4	84.2	84.5	84.7	84.9	85.2	85.2	86.3
≥ 1200		65.3	72.7	78.2	82.1	83.3	85.1	86.4	87.2	88.1	88.4	88.6	88.8	89.1	89.1	90.2
≥ 1000		66.2	74.1	80.2	84.2	85.7	87.7	89.2	90.0	91.0	91.3	91.5	91.7	92.0	92.0	93.1
≥ 900		66.3	74.3	80.5	84.8	86.2	88.3	89.8	90.7	91.7	92.0	92.1	92.4	92.7	92.7	93.8
≥ 800		66.5	74.7	81.1	85.8	87.3	89.7	91.4	92.3	93.3	93.6	93.8	94.0	94.4	94.4	95.4
≥ 700		66.6	75.1	81.7	86.5	88.1	90.7	92.5	93.4	94.6	94.9	95.1	95.3	95.7	95.7	96.7
≥ 600		66.7	75.3	82.1	86.8	88.5	91.1	93.1	94.1	95.3	95.7	95.8	96.1	96.4	96.4	97.5
≥ 500		66.7	75.4	82.2	87.0	88.7	91.5	93.4	94.4	95.7	96.0	96.2	96.3	96.8	96.8	98.0
≥ 400		66.7	75.4	82.3	87.1	88.7	91.5	93.5	94.5	95.9	96.3	96.5	96.8	97.1	97.1	98.3
≥ 300		66.7	75.4	82.3	87.1	88.7	91.5	93.5	94.6	96.1	96.5	96.7	97.0	97.4	97.4	98.7
≥ 200		66.7	75.4	82.3	87.1	88.7	91.5	93.6	94.6	96.1	96.5	96.7	97.0	97.4	97.4	99.1
≥ 100		66.7	75.4	82.3	87.1	88.7	91.5	93.6	94.6	96.1	96.5	96.7	97.0	97.4	97.4	99.4
≥ 0		66.7	75.4	82.3	87.1	88.7	91.5	93.6	94.6	96.1	96.5	96.7	97.0	97.4	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 4836

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-70

YEARS

13 Y
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

PERCENT
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING		27.8	28.9	29.8	30.4	30.5	30.9	31.3	31.4	31.7	31.8	31.9	31.9	32.0	32.0	32.1
≥ 20000		34.1	35.8	36.8	37.4	37.6	38.1	38.5	38.7	38.9	39.0	39.3	39.3	39.5	39.6	39.7
IV 18000		34.2	35.8	36.9	37.5	37.7	38.2	38.6	38.8	39.0	39.1	39.3	39.4	39.6	39.6	39.9
IV 16000		34.2	35.9	36.9	37.5	37.7	38.2	38.6	38.8	39.0	39.1	39.3	39.4	39.6	39.7	39.9
IV 14000		34.6	36.2	37.3	37.9	38.1	38.6	39.0	39.2	39.4	39.5	39.7	39.8	40.0	40.1	40.3
IV 12000		35.7	37.4	38.5	39.1	39.3	39.8	40.2	40.4	40.6	40.7	40.9	41.0	41.3	41.3	41.6
IV 10000		37.7	39.7	40.9	41.5	41.7	42.2	42.6	42.8	43.0	43.1	43.3	43.4	43.7	43.7	44.2
IV 9000		39.2	41.2	42.4	43.2	43.3	43.9	44.3	44.5	44.7	44.8	45.0	45.1	45.2	45.4	45.7
IV 8000		43.6	46.1	47.5	48.3	48.5	49.1	49.5	49.7	50.0	50.1	50.4	50.5	50.7	50.7	51.0
IV 7000		48.0	50.8	52.4	53.3	53.6	54.2	54.7	54.9	55.2	55.4	55.6	55.7	56.0	56.0	56.3
IV 6000		50.1	53.2	55.0	55.9	56.2	56.9	57.3	57.5	57.8	58.0	58.2	58.4	58.6	58.7	59.0
IV 5000		52.6	55.9	57.8	58.7	59.0	59.8	60.2	60.4	60.7	60.9	61.1	61.3	61.5	61.6	61.9
IV 4500		54.9	58.3	60.2	61.2	61.5	62.3	62.7	62.9	63.2	63.4	63.6	63.8	64.0	64.0	64.4
IV 4000		58.4	62.1	64.2	65.3	65.5	66.5	67.0	67.2	67.5	67.7	68.0	68.1	68.4	68.4	68.8
IV 3500		61.9	65.9	68.1	69.3	69.6	70.6	71.1	71.4	71.7	72.0	72.2	72.3	72.6	72.7	73.0
IV 3000		68.2	72.4	73.0	76.3	76.7	77.8	78.3	78.6	78.9	79.2	79.4	79.6	79.9	79.9	80.3
IV 2500		72.6	77.2	80.1	81.6	82.0	83.2	83.8	84.1	84.4	84.7	85.0	85.1	85.4	85.4	85.8
IV 2000		73.5	80.5	83.6	85.3	85.8	87.1	87.6	87.9	88.2	88.6	88.8	89.0	89.3	89.3	89.7
IV 1800		76.3	81.4	84.5	86.1	86.6	88.0	88.5	88.8	89.2	89.5	89.8	89.9	90.2	90.3	90.6
IV 1500		77.7	83.0	86.4	88.2	88.7	90.1	90.8	91.1	91.7	92.0	92.3	92.4	92.7	92.8	93.1
IV 1200		78.5	84.1	87.7	89.7	90.2	91.6	92.4	92.8	93.3	93.8	94.0	94.1	94.5	94.5	94.9
IV 1000		78.9	84.6	88.3	90.4	91.0	92.5	93.3	93.7	94.3	94.8	95.0	95.1	95.5	95.5	95.9
IV 900		79.0	84.8	88.5	90.7	91.3	92.8	93.7	94.1	94.8	95.1	95.4	95.5	95.8	95.9	96.3
IV 800		79.1	84.9	88.8	91.1	91.8	93.3	94.3	94.7	95.3	95.8	96.0	96.2	96.5	96.6	97.0
IV 700		79.1	85.0	88.9	91.4	92.0	93.7	94.7	95.2	95.9	96.4	96.6	96.8	97.1	97.2	97.5
IV 600		79.2	85.1	89.0	91.5	92.3	94.0	95.1	95.6	96.4	96.8	97.0	97.2	97.6	97.6	98.0
IV 500		79.2	85.1	89.1	91.6	92.4	94.1	95.3	95.9	96.5	97.3	97.5	97.7	98.1	98.2	98.6
IV 400		79.2	85.1	89.2	91.7	92.5	94.3	95.5	96.1	97.1	97.5	97.8	97.9	98.4	98.5	99.0
IV 300		79.2	85.1	89.2	91.7	92.5	94.3	95.5	96.1	97.1	97.5	97.8	97.9	98.5	98.6	99.1
IV 200		79.2	85.1	89.2	91.7	92.5	94.3	95.5	96.1	97.1	97.5	97.8	97.9	98.5	98.6	99.4
IV 100		79.2	85.1	89.2	91.7	92.5	94.3	95.5	96.1	97.1	97.5	97.8	97.9	98.5	98.6	99.6
IV 0		79.2	85.1	89.2	91.7	92.5	94.3	95.5	96.1	97.1	97.5	97.8	97.9	98.5	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 5253

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/44C

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF
STATION STATION NAME

01-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

LL
HOURS EST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		32.6	34.0	35.8	36.9	37.5	38.0	38.1	38.3	38.4	38.6	38.6	38.7	38.8	38.8	39.2
≥ 20000		38.0	39.9	41.8	43.1	43.7	44.2	44.4	44.5	44.7	44.9	44.9	45.0	45.2	45.2	45.7
IV 18000		34.0	35.9	37.8	39.1	39.7	40.2	40.4	40.5	40.7	40.9	40.9	41.0	41.2	41.2	41.7
IV 16000		34.0	35.9	37.8	39.1	39.7	40.2	40.4	40.5	40.7	40.9	40.9	41.0	41.2	41.2	41.7
IV 14000		38.1	40.0	41.9	43.2	43.8	44.3	44.5	44.6	44.8	45.0	45.0	45.1	45.3	45.3	45.8
IV 12000		38.8	40.7	42.6	43.9	44.5	45.0	45.2	45.3	45.5	45.7	45.7	45.8	45.8	46.0	46.5
IV 10000		42.2	44.2	46.3	47.7	48.3	48.9	49.1	49.2	49.5	49.7	49.7	49.8	49.8	50.0	50.5
IV 9000		43.7	45.9	47.9	49.4	50.0	50.6	50.8	51.0	51.2	51.4	51.5	51.6	51.7	51.7	52.2
IV 8000		47.3	49.9	52.1	53.7	54.3	55.1	55.4	55.5	55.8	56.0	56.1	56.2	56.4	56.4	56.9
IV 7000		51.0	53.9	56.3	58.1	58.7	59.6	59.9	60.1	60.4	60.7	60.7	60.8	61.0	61.0	61.5
IV 6000		52.3	55.4	57.7	59.5	60.2	61.2	61.5	61.7	62.1	62.4	62.4	62.5	62.7	62.7	63.2
IV 5000		54.3	57.5	59.9	61.8	62.5	63.5	63.9	64.1	64.5	64.8	64.8	64.9	65.1	65.1	65.6
IV 4500		58.0	59.3	61.8	63.7	64.4	65.4	65.8	66.1	66.5	66.7	66.8	66.9	67.1	67.1	67.6
IV 4000		59.8	63.4	65.9	67.9	68.5	69.6	70.0	70.2	70.6	70.9	71.0	71.1	71.3	71.3	71.9
IV 3500		63.0	66.8	69.4	71.5	72.2	73.3	73.7	73.9	74.3	74.6	74.7	74.8	75.0	75.0	75.6
IV 3000		63.4	67.5	70.5	72.7	73.4	74.4	74.9	75.1	75.5	75.8	75.9	76.0	76.2	76.2	76.8
IV 2500		72.3	75.5	78.5	80.7	81.4	82.4	82.8	83.0	83.4	83.7	83.8	83.9	84.1	84.1	84.7
IV 2000		75.1	80.0	83.7	86.1	86.8	87.9	88.4	88.6	89.1	89.3	89.4	89.5	89.8	89.8	90.3
IV 1800		75.5	80.5	84.2	86.6	87.3	88.5	88.9	89.2	89.6	89.9	90.0	90.1	90.3	90.3	90.9
IV 1500		76.5	81.5	85.8	88.3	89.2	90.5	91.1	91.4	91.9	92.1	92.2	92.3	92.6	92.6	93.1
IV 1200		77.7	83.4	87.5	90.1	91.0	92.4	93.0	93.3	93.8	94.1	94.2	94.3	94.5	94.5	95.1
IV 1000		78.2	83.9	88.1	90.9	91.7	93.2	93.8	94.1	94.6	94.9	95.0	95.1	95.4	95.4	95.9
IV 900		78.2	84.0	88.3	91.1	92.0	93.4	94.1	94.4	94.9	95.2	95.3	95.4	95.7	95.7	96.3
IV 800		78.3	84.3	88.7	91.5	92.4	93.9	94.6	94.9	95.4	95.7	95.8	95.9	96.2	96.2	96.8
IV 700		78.4	84.4	88.9	91.9	92.9	94.3	95.2	95.5	95.9	96.3	96.4	96.5	96.8	96.8	97.4
IV 600		78.5	84.5	89.0	92.0	93.0	94.4	95.3	95.6	96.1	96.4	96.5	96.6	96.9	96.9	97.5
IV 500		78.5	84.5	89.0	92.1	93.2	94.6	95.7	96.0	96.5	96.8	96.9	97.0	97.1	97.1	97.7
IV 400		78.5	84.6	89.2	92.4	93.4	94.8	95.8	96.1	96.6	97.0	97.1	97.2	97.3	97.3	97.9
IV 300		78.5	84.7	89.3	92.5	93.5	94.9	95.9	96.2	96.7	97.1	97.2	97.3	97.4	97.4	98.0
IV 200		78.5	84.7	89.3	92.5	93.5	94.9	95.9	96.2	96.7	97.1	97.2	97.3	97.4	97.4	98.0
IV 100		78.5	84.7	89.3	92.5	93.5	94.9	95.9	96.2	96.7	97.1	97.2	97.3	97.4	97.4	98.0
IV 0		78.5	84.7	89.3	92.5	93.5	94.9	95.9	96.2	96.7	97.1	97.2	97.3	97.4	97.4	98.0

TOTAL NUMBER OF OBSERVATIONS 5035

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053
STATION

FULDA GERMANY AMF
STATION NAME

01-70
YEAR

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
ROUGHEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING		27.2	28.5	30.3	31.5	31.7	32.3	32.7	32.9	33.7	33.7	33.8	33.8	34.0	34.0	34.4
≥ 20000		31.6	33.3	35.1	36.4	36.7	37.4	37.9	38.1	38.9	38.9	39.0	39.0	39.2	39.2	39.6
IV 18000		31.6	33.3	35.1	36.4	36.7	37.4	37.9	38.1	38.9	38.9	39.0	39.0	39.2	39.2	39.6
IV 16000		31.6	33.3	35.1	36.4	36.7	37.4	37.9	38.1	38.9	38.9	39.0	39.0	39.2	39.2	39.6
IV 14000		31.7	33.3	35.3	36.6	37.0	37.6	38.1	38.3	39.2	39.2	39.3	39.3	39.4	39.4	39.9
IV 12000		32.7	34.5	36.3	37.6	38.0	38.6	39.1	39.3	40.2	40.2	40.3	40.3	40.4	40.4	40.9
IV 10000		35.0	37.0	39.2	40.7	41.1	41.8	42.3	42.5	43.4	43.5	43.6	43.6	43.7	43.7	44.2
IV 9000		37.0	39.1	41.3	42.9	43.3	44.1	44.5	44.8	45.8	45.8	45.9	45.9	46.0	46.0	46.5
IV 8000		41.8	44.3	46.7	48.5	49.0	49.8	50.4	50.6	51.7	51.8	51.9	51.9	52.0	52.0	52.5
IV 7000		46.5	49.2	51.8	53.7	54.2	55.1	55.7	56.0	57.2	57.2	57.3	57.3	57.5	57.5	58.0
IV 6000		49.3	52.0	54.7	56.0	57.1	58.1	58.7	59.0	60.2	60.3	60.4	60.4	60.6	60.6	61.2
IV 5000		51.9	54.9	57.7	59.8	60.4	61.4	62.1	62.4	63.7	63.8	63.9	63.9	64.1	64.1	64.6
IV 4500		54.4	57.5	60.4	62.5	63.2	64.2	64.9	65.2	66.5	66.6	66.7	66.7	66.9	66.9	67.4
IV 4000		58.4	61.7	64.8	67.0	67.7	68.7	69.5	69.9	71.2	71.3	71.4	71.4	71.6	71.6	72.1
IV 3500		62.4	66.0	69.1	71.5	72.1	73.3	74.1	74.5	75.8	75.9	76.0	76.0	76.2	76.2	76.7
IV 3000		68.2	72.2	75.7	78.1	78.7	79.9	80.8	81.2	82.5	82.6	82.7	82.8	83.0	83.0	83.6
IV 2500		72.0	76.3	80.1	82.6	83.3	84.5	85.4	85.8	87.1	87.2	87.3	87.4	87.6	87.6	88.2
IV 2000		74.1	78.7	82.6	85.3	86.0	87.1	88.1	88.6	89.9	90.0	90.1	90.2	90.4	90.5	91.0
IV 1800		74.5	79.2	83.2	85.9	86.5	87.8	88.8	89.3	90.6	90.7	90.8	90.9	91.1	91.2	91.7
IV 1500		75.5	80.4	84.6	87.3	88.0	89.3	90.3	90.8	92.1	92.2	92.3	92.4	92.6	92.7	93.2
IV 1200		76.3	81.5	86.0	88.8	89.5	90.9	92.0	92.5	93.8	93.9	94.0	94.1	94.3	94.4	94.9
IV 1000		76.7	82.0	86.7	89.8	90.6	92.1	93.2	93.7	95.1	95.2	95.3	95.4	95.6	95.7	96.2
IV 900		76.8	82.2	87.0	90.0	90.8	92.4	93.5	94.1	95.5	95.7	95.8	95.8	96.1	96.1	96.7
IV 800		77.0	82.6	87.2	90.5	91.4	93.0	94.3	94.8	96.3	96.4	96.5	96.6	96.9	96.9	97.5
IV 700		77.1	82.6	87.4	90.8	91.7	93.5	94.8	95.4	96.8	97.0	97.1	97.2	97.4	97.5	98.0
IV 600		77.1	82.7	87.5	91.0	92.0	93.8	95.1	95.7	97.3	97.4	97.5	97.7	97.9	98.0	98.5
IV 500		77.1	82.7	87.6	91.2	92.1	93.9	95.3	95.9	97.5	97.6	97.7	97.9	98.2	98.2	98.8
IV 400		77.1	82.7	87.6	91.2	92.1	93.9	95.3	96.0	97.6	97.8	97.9	98.0	98.3	98.3	99.0
IV 300		77.1	82.7	87.6	91.2	92.1	93.9	95.3	96.0	97.6	97.8	97.9	98.1	98.4	98.4	99.3
IV 200		77.1	82.7	87.6	91.2	92.1	93.9	95.3	96.0	97.6	97.8	97.9	98.1	98.4	98.4	99.5
IV 100		77.1	82.7	87.6	91.2	92.1	93.9	95.3	96.0	97.6	97.8	97.9	98.1	98.4	98.4	99.6
IV 0		77.1	82.7	87.6	91.2	92.1	93.9	95.3	96.0	97.6	97.8	97.9	98.1	98.4	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 4883

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-70
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

LL
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING ≥ 20000		25.6	27.3	21.4	29.3	29.6	30.0	30.5	30.6	30.9	31.2	31.4	31.5	31.8	31.6	32.3
IV 18000		30.9	33.1	34.4	35.7	36.0	36.6	37.1	37.3	37.7	37.9	38.1	38.3	38.6	38.6	39.3
IV 16000		30.9	33.1	34.4	35.7	36.0	36.6	37.1	37.3	37.7	37.9	38.1	38.3	38.6	38.6	39.3
IV 14000		31.2	33.4	34.7	36.0	36.3	36.9	37.4	37.6	38.0	38.3	38.5	38.6	38.9	38.9	39.6
IV 12000		32.5	34.7	36.1	37.3	37.7	38.3	38.8	38.9	39.3	39.6	39.6	40.0	40.3	40.3	41.0
IV 10000		35.3	37.9	39.4	40.8	41.2	41.8	42.3	42.4	42.9	43.2	43.4	43.6	43.9	43.9	44.6
IV 9000		37.3	40.1	41.8	43.2	43.6	44.2	44.7	44.9	45.4	45.7	45.9	46.0	46.4	46.4	47.1
IV 8000		42.6	45.8	47.8	49.4	49.8	50.8	51.5	51.7	52.3	52.6	52.8	53.0	53.4	53.4	54.2
IV 7000		46.1	49.6	51.6	53.4	53.8	54.9	55.6	55.9	56.4	56.8	57.0	57.2	57.6	57.6	58.4
IV 6000		48.9	52.3	54.6	56.4	56.8	57.9	58.7	59.0	59.6	60.0	60.2	60.3	60.8	60.8	61.6
IV 5000		51.7	55.6	57.9	59.9	60.4	61.4	62.3	62.6	63.4	63.7	64.0	64.2	64.6	64.6	65.3
IV 4500		53.2	57.1	59.5	61.6	62.1	63.2	64.0	64.4	65.2	65.5	65.8	66.0	66.4	66.5	67.3
IV 4000		55.8	59.9	62.7	65.0	65.5	66.6	67.6	68.0	68.8	69.2	69.4	69.6	70.1	70.2	71.0
IV 3500		58.2	62.6	65.5	67.8	68.4	69.6	70.6	71.0	71.7	72.1	72.4	72.6	73.1	73.1	73.9
IV 3000		63.2	68.1	71.4	73.9	74.6	75.8	76.9	77.3	78.2	78.6	78.8	79.0	79.3	79.5	80.3
IV 2500		66.9	72.0	75.5	78.2	78.8	80.1	81.2	81.6	82.3	82.9	83.1	83.3	83.8	83.8	84.7
IV 2000		68.9	74.4	78.2	81.0	81.6	83.0	84.2	84.6	85.3	85.9	86.2	86.4	86.9	86.9	87.7
IV 1800		69.4	75.0	78.8	81.7	82.3	83.7	84.9	85.3	86.2	86.6	86.9	87.1	87.6	87.6	88.4
IV 1500		70.8	76.6	80.5	83.5	84.1	85.7	87.0	87.4	88.2	88.7	89.0	89.2	89.7	89.7	90.5
IV 1200		72.1	78.1	82.3	85.5	86.3	88.0	89.4	89.8	90.7	91.1	91.4	91.6	92.1	92.1	92.9
IV 1000		72.4	78.6	82.9	86.3	87.1	89.0	90.4	90.9	91.8	92.2	92.5	92.7	93.2	93.2	94.1
IV 900		72.5	78.8	83.1	86.6	87.5	89.4	90.8	91.3	92.3	92.7	92.9	93.1	93.7	93.7	94.5
IV 800		72.6	79.0	83.3	87.2	88.0	90.1	91.7	92.2	93.2	93.6	93.9	94.1	94.6	94.6	95.4
IV 700		72.8	79.2	83.5	87.3	88.4	90.5	92.2	92.8	93.8	94.2	94.5	94.7	95.2	95.3	96.1
IV 600		72.8	79.2	83.5	87.3	88.5	90.6	92.4	93.0	94.1	94.5	94.8	95.0	95.5	95.6	96.4
IV 500		72.9	79.3	83.9	87.7	88.6	90.8	92.7	93.3	94.4	94.9	95.1	95.4	95.9	96.0	96.8
IV 400		72.9	79.3	83.9	87.8	88.6	90.9	92.9	93.4	94.7	95.1	95.4	95.7	96.2	96.3	97.2
IV 300		72.9	79.3	83.9	87.8	88.7	90.9	92.9	93.5	94.9	95.3	95.6	95.9	96.5	96.5	97.9
IV 200		72.9	79.3	83.9	87.8	88.7	90.9	92.9	93.5	94.9	95.4	95.7	96.0	96.6	96.7	98.5
IV 100		72.9	79.3	83.9	87.8	88.7	90.9	92.9	93.5	94.9	95.4	95.7	96.0	96.7	96.8	99.5
IV 0		72.9	79.3	83.9	87.8	88.7	90.9	92.9	93.5	94.9	95.4	95.7	96.0	96.7	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5026

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053
STATION

FULDA GERMANY AAF
STATION NAME

60-70
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

441
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING ≥ 20000		22.7 26.9	25.0 29.7	23.6 31.7	28.0 33.3	28.7 34.0	29.5 34.9	30.2 35.7	30.3 35.9	30.7 36.3	31.2 36.9	31.3 37.0	31.6 37.3	32.0 37.8	32.1 37.8	33.9 40.0
IV 18000 IV 16000		26.9 27.0	29.7 29.7	31.7 31.8	33.3 33.4	34.0 34.0	34.9 35.0	35.7 35.7	35.9 36.0	36.3 36.4	36.9 36.9	37.0 37.0	37.3 37.4	37.8 37.8	37.8 37.9	40.0 40.0
IV 14000 IV 12000		27.2 28.3	29.9 31.1	32.0 33.2	33.6 34.8	34.2 35.5	35.2 36.4	35.9 37.2	36.2 37.4	36.6 37.8	37.2 38.4	37.3 38.5	37.6 38.8	38.0 39.3	38.1 39.3	40.2 41.1
IV 10000 IV 9000		30.4 31.5	33.4 34.7	35.6 37.3	37.4 39.3	38.0 40.0	39.1 41.2	39.9 42.0	40.2 42.3	40.7 42.8	41.2 43.4	41.4 43.6	41.7 43.9	42.2 44.4	42.2 44.4	44.4 46.6
IV 8000 IV 7000		35.9 38.2	39.6 42.2	42.4 45.2	44.8 47.7	45.6 48.5	47.0 50.1	47.8 51.0	48.3 51.4	48.9 52.0	49.5 52.6	49.7 52.8	50.0 53.1	50.5 53.7	50.6 53.7	52.8 56.0
IV 6000 IV 5000		40.1 41.9	44.2 46.2	47.4 49.6	49.9 52.2	50.8 53.2	52.4 54.9	53.3 56.0	53.7 56.4	54.4 57.1	55.0 57.7	55.1 57.9	55.5 58.3	56.0 58.3	56.1 58.9	58.4 61.2
IV 4500 IV 4000		43.5 46.1	48.0 50.7	51.4 54.2	54.1 57.0	55.1 58.1	56.8 59.9	58.0 61.2	58.5 61.8	59.2 62.5	59.8 63.2	60.0 63.3	60.3 63.7	60.8 64.3	60.9 64.4	63.2 66.7
IV 3500 IV 3000		48.2 52.1	53.1 57.2	56.7 61.0	59.6 64.0	60.7 65.2	62.6 67.2	64.0 68.8	64.5 69.3	65.3 70.2	66.0 70.9	66.1 71.1	66.5 71.5	67.1 72.1	67.2 72.2	69.5 74.6
IV 2500 IV 2000		54.7 56.8	60.1 62.5	64.1 66.8	67.2 70.1	68.6 71.6	70.8 73.7	72.4 75.7	73.0 76.3	73.9 77.2	74.6 78.0	74.8 78.1	75.2 78.6	75.8 79.3	75.9 79.4	78.4 81.9
IV 1800 IV 1500		57.4 58.6	63.2 64.7	67.6 69.3	71.0 72.9	72.5 74.4	74.8 76.9	76.6 78.7	77.2 79.3	78.2 80.3	78.9 81.0	79.1 81.2	79.6 81.7	80.2 82.3	80.3 82.5	82.8 84.9
IV 1200 IV 1000		59.4 59.9	65.9 66.5	70.8 71.7	74.7 75.8	76.3 77.5	78.9 80.2	80.8 82.2	81.6 83.1	82.6 84.1	83.3 84.9	83.5 85.1	84.0 85.6	84.6 86.3	84.8 86.4	87.2 88.9
IV 900 IV 800		60.1 60.2	66.8 67.1	72.1 72.4	76.2 76.5	78.0 78.4	80.8 81.2	82.8 83.4	83.8 84.3	84.9 85.3	85.7 86.3	85.9 86.5	86.4 87.1	87.1 87.8	87.2 87.9	89.7 90.4
IV 700 IV 600		60.3 60.3	67.2 67.3	72.6 72.8	76.9 77.1	78.8 79.1	81.7 82.1	83.9 84.4	84.9 85.3	86.2 86.7	87.0 87.5	87.2 87.8	87.8 88.3	88.5 89.1	88.6 89.2	91.2 91.8
IV 500 IV 400		60.3 60.3	67.4 67.4	72.9 72.9	77.3 77.3	79.2 79.2	82.3 82.3	84.6 84.6	85.6 85.7	87.1 87.2	88.0 88.2	88.3 88.5	88.9 89.2	89.7 90.0	89.8 90.2	92.4 92.9
IV 300 IV 200		60.3 60.3	67.4 67.4	72.9 72.9	77.3 77.3	79.2 79.2	82.3 82.3	84.7 84.7	85.8 85.8	87.3 87.3	88.3 88.3	88.6 88.6	89.4 89.5	90.4 90.5	90.6 90.7	94.6 96.5
IV 100 IV 0		60.3 60.3	67.4 67.4	72.9 72.9	77.3 77.3	79.2 79.2	82.3 82.3	84.7 84.7	85.8 85.8	87.3 87.3	88.3 88.3	88.6 88.6	89.5 89.5	90.5 90.5	90.7 90.7	98.5 100.0

TOTAL NUMBER OF OBSERVATIONS 4885

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35033 FULDA GERMANY AAF

60-70

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		18.6	21.3	24.1	25.7	26.5	27.8	28.5	28.9	29.4	29.6	29.8	30.0	30.4	30.5	31.7
≥ 20000		21.6	24.8	27.7	29.6	30.5	32.0	32.7	33.3	33.9	34.1	34.3	34.6	35.0	35.1	36.5
≥ 18000		21.6	24.8	27.7	29.6	30.5	32.0	32.7	33.3	33.9	34.1	34.3	34.6	35.0	35.1	36.5
≥ 16000		21.6	24.8	27.7	29.6	30.5	32.0	32.7	33.3	33.9	34.1	34.3	34.6	35.0	35.1	36.5
≥ 14000		21.9	25.1	28.1	30.1	31.0	32.5	33.2	33.8	34.3	34.6	34.8	35.0	35.3	35.6	37.0
≥ 12000		22.3	25.6	28.7	30.7	31.7	33.2	33.9	34.5	35.0	35.3	35.5	35.8	36.2	36.3	37.7
≥ 10000		23.8	27.2	30.3	32.7	33.7	35.3	36.1	36.7	37.2	37.5	37.7	38.0	38.5	38.6	40.0
≥ 9000		24.9	28.3	31.7	34.0	35.1	36.7	37.6	38.1	38.7	39.0	39.3	39.5	40.0	40.1	41.6
≥ 8000		27.3	31.0	34.5	37.0	38.1	39.9	40.8	41.3	42.0	42.3	42.6	42.9	43.4	43.6	45.0
≥ 7000		29.1	33.2	37.0	39.5	40.6	42.3	43.4	44.1	44.7	45.1	45.3	45.6	46.1	46.3	47.8
≥ 6000		30.2	34.4	38.2	40.7	41.9	43.8	44.8	45.4	46.1	46.4	46.7	46.9	47.5	47.6	49.1
≥ 5000		32.0	36.4	40.3	43.1	44.4	46.3	47.3	48.0	48.6	49.0	49.2	49.5	50.0	50.2	51.7
≥ 4500		33.2	37.7	41.9	44.6	45.9	47.8	48.9	49.5	50.2	50.6	50.9	51.1	51.7	51.9	53.4
≥ 4000		35.8	40.7	45.2	48.1	49.5	51.6	52.8	53.5	54.1	54.5	54.8	55.0	55.7	55.8	57.4
≥ 3500		37.2	42.4	47.1	50.0	51.4	53.7	54.8	55.5	56.2	56.6	56.9	57.1	57.7	57.9	59.5
≥ 3000		40.1	45.7	50.6	53.7	55.3	57.6	59.1	59.8	60.5	60.9	61.2	61.4	62.1	62.3	63.9
≥ 2500		42.0	48.1	53.5	56.8	58.4	61.1	62.5	63.3	64.0	64.6	64.9	65.2	65.9	66.0	67.6
≥ 2000		44.4	51.0	56.7	60.2	61.9	64.8	66.4	67.2	68.0	68.6	68.9	69.3	70.0	70.1	71.7
≥ 1800		45.2	52.0	57.9	61.4	63.2	66.1	67.8	68.7	69.6	70.2	70.4	70.8	71.5	71.7	73.3
≥ 1500		47.5	55.1	61.7	65.6	67.5	70.7	72.6	73.5	74.5	75.1	75.3	75.7	76.4	76.6	78.2
≥ 1200		48.5	56.5	63.6	67.7	69.7	73.2	75.2	76.1	77.1	77.8	78.1	78.5	79.2	79.4	81.0
≥ 1000		49.1	57.3	64.7	69.1	71.2	74.9	77.0	77.9	78.9	79.7	80.0	80.4	81.2	81.3	82.9
≥ 900		49.2	57.6	65.2	69.6	71.8	75.5	77.7	78.6	79.6	80.4	80.8	81.2	81.9	82.1	83.7
≥ 800		49.5	58.0	65.8	70.3	72.7	76.5	78.7	79.8	80.8	81.6	82.0	82.4	83.1	83.3	84.9
≥ 700		49.7	58.2	66.2	71.1	73.7	77.6	79.9	80.9	82.0	82.9	83.3	83.6	84.4	84.5	86.2
≥ 600		49.8	58.4	66.5	71.5	74.1	78.2	80.7	81.8	83.0	83.9	84.3	84.7	85.5	85.6	87.3
≥ 500		49.8	58.5	66.7	71.8	74.5	78.7	81.3	82.7	84.0	85.0	85.3	85.7	86.5	86.8	88.5
≥ 400		49.8	58.5	66.8	71.9	74.8	79.2	81.9	83.2	84.6	85.8	86.3	86.9	87.4	87.6	89.3
≥ 300		49.8	58.5	66.8	71.9	74.8	79.2	81.9	83.2	84.6	85.8	86.3	86.9	87.4	87.6	89.3
≥ 200		49.8	58.5	66.8	71.9	74.8	79.2	81.9	83.2	84.6	85.8	86.3	86.9	87.4	87.6	89.3
≥ 100		49.8	58.5	66.8	71.9	74.8	79.2	81.9	83.2	84.6	85.8	86.3	86.9	87.4	87.6	89.3
≥ 0		49.8	58.5	66.8	71.9	74.8	79.2	81.9	83.2	84.6	85.8	86.3	86.9	87.4	87.6	89.3

TOTAL NUMBER OF OBSERVATIONS 5143

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

33053
STATION

FULDA GERMANY AAF
STATION NAME

60-72
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

111
HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		10.3	11.5	12.8	13.8	14.1	14.9	14.9	15.3	15.5	15.7	15.9	16.2	16.4	16.5	16.9
≥ 20000		13.3	14.8	16.5	17.7	17.9	18.6	19.1	19.6	19.8	20.1	20.3	20.6	20.9	21.4	21.6
18000		13.3	14.8	16.5	17.7	17.9	18.6	19.1	19.6	19.8	20.1	20.3	20.6	20.9	21.4	21.6
16000		13.3	14.8	16.5	17.7	17.9	18.6	19.1	19.6	19.8	20.1	20.3	20.6	20.9	21.4	21.6
14000		13.3	15.1	16.8	17.9	18.2	18.9	19.3	19.8	20.1	20.3	20.6	20.9	21.1	21.2	21.9
12000		14.1	15.7	17.4	18.6	18.9	19.5	20.0	20.5	20.8	21.0	21.3	21.6	21.8	21.9	22.4
10000		15.0	16.9	18.7	19.7	20.2	20.9	21.5	22.0	22.3	22.6	22.8	23.1	23.4	23.4	24.1
9000		15.8	17.7	19.6	20.9	21.1	21.9	22.5	23.1	23.4	23.6	23.9	24.2	24.4	24.5	25.1
8000		17.2	19.4	21.8	23.3	23.6	24.4	25.0	25.6	26.0	26.2	26.5	26.8	27.1	27.2	27.8
7000		18.4	20.6	23.3	24.9	25.3	26.2	26.9	27.5	27.8	28.1	28.3	28.7	29.0	29.0	29.6
6000		19.7	22.0	24.9	26.5	26.9	27.9	28.7	29.3	29.6	29.9	30.2	30.5	30.8	30.9	31.6
5000		21.1	23.7	27.2	28.9	29.4	30.5	31.5	32.1	32.5	32.8	33.0	33.3	33.6	33.7	34.5
4500		22.6	25.2	28.7	30.6	31.1	32.3	33.3	33.9	34.3	34.6	34.8	35.2	35.5	35.5	36.3
4000		24.4	27.4	31.2	33.2	33.8	35.2	36.2	36.9	37.3	37.6	37.9	38.2	38.5	38.6	39.4
3500		26.5	29.6	33.7	35.7	36.3	37.8	39.0	39.7	40.2	40.5	40.8	41.1	41.4	41.5	42.3
3000		29.1	32.7	37.2	39.6	40.3	42.1	43.3	44.0	44.6	45.0	45.3	45.7	46.1	46.2	47.0
2500		32.2	35.3	41.7	44.4	45.3	47.5	48.9	49.8	50.4	50.9	51.2	51.6	52.0	52.0	52.9
2000		35.0	39.5	46.0	49.2	50.2	52.6	54.2	55.2	56.1	56.6	56.8	57.3	57.7	57.7	58.6
1600		38.2	40.8	47.5	51.0	52.2	54.8	56.4	57.5	58.4	59.0	59.2	59.7	60.1	60.1	61.0
1500		38.0	42.3	50.3	54.2	55.9	58.5	60.6	61.7	62.6	63.2	63.5	64.0	64.4	64.5	65.4
1100		39.9	46.3	54.5	59.4	61.4	64.7	66.8	68.1	69.1	69.8	70.1	70.7	71.1	71.2	72.1
1000		40.5	47.4	56.1	61.8	64.2	67.9	70.2	71.8	72.9	73.7	74.1	74.6	75.1	75.2	76.1
900		40.8	47.9	56.9	63.2	65.7	69.4	71.8	73.4	74.6	75.4	75.7	76.3	76.8	76.8	77.7
800		41.2	48.5	58.2	65.0	67.7	71.9	74.4	76.2	77.7	78.5	78.9	79.6	80.1	80.1	81.0
700		41.5	48.9	59.2	66.8	69.8	74.4	77.4	79.3	81.0	81.9	82.4	83.1	83.6	83.7	84.6
600		41.5	49.0	59.6	67.8	71.0	76.3	79.5	81.6	83.5	84.4	84.9	85.8	86.3	86.4	87.4
500		41.5	49.1	59.8	68.5	71.9	77.7	81.2	83.4	85.7	86.8	87.4	88.3	89.0	89.1	90.1
400		41.5	49.1	59.8	68.6	72.1	78.4	82.2	84.5	87.4	88.6	89.2	90.2	91.0	91.1	92.3
300		41.5	49.1	59.8	68.6	72.1	78.4	82.4	84.8	87.7	89.0	89.6	90.6	91.8	91.9	94.0
200		41.5	49.1	59.8	68.6	72.1	78.4	82.6	85.0	88.1	89.6	90.2	91.2	92.6	92.9	96.5
100		41.5	49.1	59.8	68.6	72.2	78.6	82.7	85.0	88.1	89.6	90.3	91.3	93.0	93.1	98.8
0		41.5	49.1	59.8	68.6	72.2	78.6	82.7	85.0	88.1	89.6	90.3	91.3	93.0	93.1	100.0

TOTAL NUMBER OF OBSERVATIONS 4975

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

39053 FULDA GERMANY AAF
STATION STATION NAME

00-7

YEARS

00-15

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING		8.0	9.1	11.0	11.9	12.5	13.3	14.7	15.3	16.8	17.5	17.6	17.6	17.8	17.8	17.9
≥ 20000		9.2	10.4	12.5	13.5	14.2	15.2	16.7	17.4	18.9	19.7	19.8	19.9	20.0	20.0	20.2
≥ 18000		9.2	10.4	12.5	13.5	14.2	15.3	16.7	17.4	18.9	19.8	19.8	19.9	20.0	20.0	20.2
≥ 16000		9.2	10.4	12.5	13.6	14.2	15.3	16.8	17.4	19.0	19.8	19.9	20.0	20.1	20.1	20.3
≥ 14000		9.2	10.4	12.5	13.6	14.2	15.3	16.8	17.4	19.0	19.8	19.9	20.0	20.1	20.1	20.3
≥ 12000		9.6	10.9	13.0	14.1	14.7	15.8	17.3	18.0	19.5	20.4	20.5	20.6	20.7	20.7	20.9
≥ 10000		10.4	11.8	14.0	15.1	15.9	17.0	18.7	19.4	21.0	21.9	21.9	22.0	22.1	22.1	22.3
≥ 9000		10.6	12.4	14.6	15.7	16.5	17.8	19.5	20.2	21.8	22.7	22.8	22.9	23.0	23.0	23.2
≥ 8000		11.8	13.4	15.9	17.0	17.8	19.1	21.0	21.7	23.4	24.3	24.4	24.5	24.6	24.6	24.9
≥ 7000		12.6	14.3	16.7	18.0	18.8	20.3	22.2	23.0	24.7	25.6	25.7	25.8	25.9	25.9	26.2
≥ 6000		13.2	14.9	17.4	18.7	19.6	21.0	22.9	23.7	25.5	26.4	26.5	26.6	26.7	26.7	26.9
≥ 5000		15.0	16.9	19.6	20.9	21.9	23.4	25.4	26.1	27.9	28.8	29.0	29.0	29.1	29.1	29.4
≥ 4500		15.6	17.6	20.4	21.8	22.8	24.3	26.4	27.2	29.0	30.0	30.1	30.2	30.2	30.3	30.5
≥ 4000		17.1	19.3	22.5	24.3	25.4	27.1	29.3	30.1	31.9	32.9	33.0	33.1	33.2	33.2	33.5
≥ 3500		19.3	21.7	25.6	27.6	28.7	30.5	32.8	33.6	35.9	36.5	36.6	36.6	36.7	36.7	37.0
≥ 3000		21.1	24.0	28.4	30.5	31.7	33.8	36.3	37.2	39.2	40.2	40.3	40.4	40.5	40.5	40.9
≥ 2500		24.0	27.5	32.5	34.9	36.2	38.6	41.2	42.1	44.2	45.3	45.4	45.4	45.5	45.5	45.8
≥ 2000		27.3	31.6	37.5	40.4	41.9	43.1	46.0	46.9	51.2	52.3	52.4	52.4	52.6	52.6	52.9
≥ 1800		28.2	32.8	38.8	42.0	43.5	45.8	49.7	50.7	53.1	54.1	54.2	54.3	54.5	54.5	54.7
≥ 1500		30.0	35.5	42.1	45.8	47.6	51.4	54.7	55.7	58.2	59.4	59.6	59.7	59.8	59.8	60.1
≥ 1200		32.3	38.5	46.1	50.9	53.1	57.9	61.8	63.3	66.3	67.7	67.9	68.1	68.2	68.2	68.5
≥ 1000		32.9	39.7	48.0	53.6	56.3	61.7	66.2	68.0	71.3	72.9	73.2	73.4	73.6	73.6	73.9
≥ 900		33.4	40.5	49.1	55.2	58.0	64.0	68.8	70.9	74.4	76.1	76.4	76.6	76.9	76.9	77.1
≥ 800		34.1	41.5	50.7	57.1	60.4	67.0	72.3	74.6	78.4	80.2	80.6	80.9	81.2	81.2	81.5
≥ 700		34.3	42.3	52.2	59.0	62.8	70.2	75.9	78.5	82.8	84.5	84.9	85.2	85.6	85.7	86.0
≥ 600		34.4	42.6	52.9	60.2	64.4	72.1	78.4	81.3	85.7	87.9	88.5	88.9	89.5	89.5	89.8
≥ 500		34.4	42.8	53.1	60.7	65.0	73.0	79.7	82.9	87.7	90.2	91.0	91.4	92.2	92.2	92.6
≥ 400		34.4	42.8	53.2	60.9	65.3	73.8	80.7	84.0	89.3	91.9	92.8	93.5	94.8	94.9	95.4
≥ 300		34.4	42.8	53.3	61.0	65.4	73.9	80.9	84.3	89.9	92.6	93.6	94.5	96.4	96.5	97.6
≥ 200		34.4	42.8	53.3	61.0	65.4	73.9	80.9	84.3	89.9	92.6	93.6	94.5	96.4	96.5	97.6
≥ 100		34.4	42.8	53.3	61.0	65.4	73.9	80.9	84.3	89.9	92.6	93.6	94.5	96.4	96.5	97.6
≥ 0		34.4	42.8	53.3	61.0	65.4	73.9	80.9	84.3	89.9	92.6	93.6	94.5	96.4	96.5	97.6

TOTAL NUMBER OF OBSERVATIONS 4839

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF
STATION STATION NAME

63-65,07

YEAR

MO

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-0200
HOURS TST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/8	≥0
NO CEILING ≥ 20000		13.5 14.6	14.1 16.8	14.6 17.3	15.7 18.4	15.7 18.4	15.7 18.4	15.7 18.4	15.7 18.4	15.7 18.4	15.7 18.4	15.7 18.4	15.7 18.4	15.7 18.4	15.7 18.4	15.7 18.4
IV 18000		14.6	16.8	17.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
IV 16000		14.6	16.8	17.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
IV 14000		14.6	16.8	17.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
IV 12000		15.1	17.2	17.8	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
IV 10000		16.8	18.9	19.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
IV 9000		16.8	18.9	19.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
IV 8000		16.8	19.5	20.9	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
IV 7000		16.8	20.5	21.1	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
IV 6000		17.3	21.1	21.6	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
IV 5000		17.8	22.2	23.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
IV 4500		18.4	23.2	26.3	28.6	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
IV 4000		19.5	23.4	28.6	30.6	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
IV 3500		20.0	24.2	33.0	35.7	37.3	37.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
IV 3000		22.2	31.9	36.8	39.3	41.1	41.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
IV 2500		24.9	36.2	41.6	44.3	45.9	45.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
IV 2000		30.3	44.9	57.3	61.1	62.2	62.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 1800		31.4	45.9	55.1	58.4	63.2	64.3	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 1500		31.9	47.6	57.3	60.5	65.4	66.5	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 1200		34.1	50.3	61.6	65.4	70.3	71.9	73.5	73.5	73.5	73.5	74.1	74.1	74.1	74.1	74.1
IV 1000		34.6	51.4	63.8	67.0	72.4	74.1	75.7	75.7	75.7	76.2	76.2	76.2	76.2	76.2	76.2
IV 900		35.1	51.9	65.4	69.2	74.1	75.7	77.8	77.8	77.8	78.4	78.4	78.4	78.4	78.4	78.4
IV 800		35.7	52.0	69.2	73.0	78.9	82.2	84.9	84.9	85.4	85.9	85.9	85.9	85.9	87.0	87.0
IV 700		36.0	53.1	71.4	75.1	81.1	84.3	87.0	87.6	88.1	89.2	89.2	90.8	92.4	92.4	92.4
IV 600		36.8	53.1	72.4	76.8	83.2	86.5	89.2	89.7	90.3	91.4	91.9	93.5	96.8	96.8	96.8
IV 500		36.8	53.1	72.4	76.8	83.2	86.5	89.2	89.7	90.3	91.4	91.9	93.5	96.8	96.8	96.8
IV 400		36.8	53.1	72.4	76.8	83.2	86.5	89.2	89.7	90.3	91.4	91.9	93.5	96.8	96.8	96.8
IV 300		36.8	53.1	72.4	76.8	83.2	86.5	89.2	89.7	90.3	91.4	91.9	93.5	96.8	96.8	96.8
IV 200		36.8	53.1	72.4	76.8	83.2	86.5	89.2	89.7	90.3	91.4	91.9	93.5	96.8	96.8	96.8
IV 100		36.8	53.1	72.4	76.8	83.2	86.5	89.2	89.7	90.3	91.4	91.9	93.5	96.8	96.8	96.8
IV 0		36.8	53.1	72.4	76.8	83.2	86.5	89.2	89.7	90.3	91.4	91.9	93.5	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS 145

USAF ETAC FORM 0-14-5 (01) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

35053 STATION FOLD: GERMANY AA³

62-68,97-71

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

13-0-030

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING		9.7	11.3	12.4	13.4	13.6	14.1	14.5	15.0	15.0	15.2	15.2	15.4	15.7	15.9	16.4
≥ 20000		10.8	12.4	13.6	14.5	14.7	15.2	15.7	16.4	16.8	17.1	17.1	17.3	17.5	17.7	18.4
≥ 18000		10.8	12.4	13.6	14.5	14.7	15.2	15.7	16.4	16.8	17.1	17.1	17.3	17.5	17.7	18.4
≥ 16000		10.8	12.4	13.6	14.5	14.7	15.2	15.7	16.4	16.8	17.1	17.1	17.3	17.5	17.7	18.4
≥ 14000		10.8	12.4	13.6	14.5	14.7	15.2	15.7	16.4	16.8	17.1	17.1	17.3	17.5	17.7	18.4
≥ 12000		11.8	13.4	14.5	15.4	15.7	16.1	16.6	17.3	17.7	18.0	18.0	18.2	18.4	18.7	19.4
≥ 10000		13.1	14.7	15.9	16.8	17.1	17.5	18.0	18.7	19.1	19.4	19.4	19.6	19.8	20.0	20.7
≥ 9000		13.1	14.7	15.9	16.8	17.1	17.5	18.0	18.7	19.1	19.4	19.4	19.6	19.8	20.0	20.7
≥ 8000		14.5	16.1	18.2	19.1	19.4	19.8	20.3	21.0	21.9	22.1	22.1	22.4	22.6	22.8	23.5
≥ 7000		15.7	18.0	20.0	21.0	21.2	21.7	22.1	22.8	23.7	24.0	24.0	24.2	24.4	24.7	25.3
≥ 6000		17.1	19.4	21.4	22.4	22.6	23.0	23.5	24.2	25.1	25.3	25.3	25.6	25.8	26.0	26.7
≥ 5000		17.3	19.6	21.7	22.6	23.0	23.5	24.0	24.7	25.6	25.8	25.8	26.0	26.3	26.5	27.2
≥ 4500		19.4	21.9	24.0	24.9	25.3	26.2	27.0	27.6	28.6	28.8	28.8	29.0	29.3	29.5	30.2
≥ 4000		20.0	23.3	25.3	26.3	27.0	28.1	28.8	29.7	31.1	31.3	31.3	31.6	31.8	32.0	32.7
≥ 3500		21.7	25.6	27.9	28.8	29.5	30.5	31.6	32.7	34.1	34.3	34.3	34.6	34.8	35.0	35.7
≥ 3000		24.0	29.0	31.3	32.3	32.9	34.8	35.9	36.9	38.2	38.5	38.5	38.7	38.9	39.2	39.9
≥ 2500		26.7	32.9	35.7	36.9	37.6	39.7	41.0	42.2	43.5	43.8	43.8	44.0	44.2	44.5	45.2
≥ 2000		27.2	35.3	39.9	41.5	42.6	45.4	48.2	49.3	50.7	50.9	50.9	51.2	51.4	51.6	52.3
≥ 1800		27.6	36.2	40.8	42.6	44.0	47.0	50.0	51.2	53.0	53.2	53.2	53.5	53.7	53.9	54.6
≥ 1500		29.5	38.5	43.1	45.9	47.2	50.9	53.9	56.0	58.1	58.3	58.3	58.5	58.8	59.0	59.7
≥ 1200		32.7	42.6	50.2	53.5	55.1	59.2	62.4	64.7	66.8	67.1	67.1	67.3	67.5	67.7	68.4
≥ 1000		34.1	44.2	52.3	56.2	57.8	62.4	65.9	68.7	71.0	71.2	71.2	71.4	71.7	71.9	72.6
≥ 900		34.8	44.9	53.7	58.1	59.9	65.0	68.9	72.1	75.1	75.3	75.3	75.6	75.8	76.0	76.7
≥ 800		35.5	46.1	55.3	60.1	62.4	68.7	73.7	77.2	81.1	81.6	81.6	82.0	82.3	82.5	83.2
≥ 700		35.5	46.5	57.4	62.0	64.3	70.7	77.0	80.6	84.8	85.3	85.3	85.7	86.2	86.4	87.1
≥ 600		35.5	46.5	57.4	62.7	65.2	72.5	78.8	82.5	87.1	88.0	88.2	88.5	89.2	89.4	90.1
≥ 500		35.5	46.5	57.4	62.7	65.2	72.5	78.8	82.5	87.1	88.0	88.2	88.5	89.2	89.4	90.1
≥ 400		35.5	46.5	57.4	62.7	65.2	72.5	78.8	82.5	87.1	88.0	88.2	88.5	89.2	89.4	90.1
≥ 300		35.5	46.5	57.4	62.7	65.2	72.5	78.8	82.5	87.1	88.0	88.2	88.5	89.2	89.4	90.1
≥ 200		35.5	46.5	57.4	62.7	65.2	72.5	78.8	82.5	87.1	88.0	88.2	88.5	89.2	89.4	90.1
≥ 100		35.5	46.5	57.4	62.7	65.2	72.5	78.8	82.5	87.1	88.0	88.2	88.5	89.2	89.4	90.1
≥ 0		35.5	46.5	57.4	62.7	65.2	72.5	78.8	82.5	87.1	88.0	88.2	88.5	89.2	89.4	90.1

TOTAL NUMBER OF OBSERVATIONS 434

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053
STATION

HOLDA GERMANY AAF
STATION NAME

01-70

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-0000
HOURS IN DAY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		7.6	9.8	11.6	12.7	13.1	14.0	14.7	15.6	15.8	16.0	16.1	16.0	16.5	16.5	16.1
≥ 20000		8.3	10.8	12.5	13.7	14.0	15.0	15.7	16.6	17.0	17.2	17.3	17.3	17.8	17.8	18.2
≥ 18000		8.3	10.8	12.5	13.7	14.0	15.0	15.7	16.6	17.0	17.2	17.3	17.3	17.8	17.8	18.2
≥ 16000		8.3	10.8	12.5	13.7	14.0	15.0	15.7	16.6	17.0	17.2	17.3	17.3	17.8	17.8	18.2
≥ 14000		8.3	10.8	12.5	13.7	14.0	15.0	15.7	16.6	17.0	17.2	17.3	17.3	17.8	17.8	18.2
≥ 12000		8.9	11.3	13.1	14.3	14.6	15.6	16.3	17.2	17.5	17.8	17.9	17.9	18.4	18.4	18.8
≥ 10000		9.8	12.4	14.2	15.3	15.7	16.6	17.3	18.2	18.6	18.8	18.9	18.9	19.4	19.4	20.0
≥ 9000		10.8	13.5	15.3	16.5	16.8	17.8	18.5	19.4	19.8	20.0	20.1	20.1	20.6	20.7	21.2
≥ 8000		12.5	15.3	18.0	19.3	19.8	21.1	22.0	22.9	23.5	23.9	24.0	24.0	24.4	24.6	25.0
≥ 7000		13.5	16.3	19.6	21.2	21.6	22.9	24.0	24.9	25.6	26.0	26.1	26.1	26.7	26.8	27.3
≥ 6000		13.9	17.0	20.1	21.6	22.1	23.4	24.4	25.4	26.1	26.4	26.5	26.5	27.1	27.3	27.7
≥ 5000		15.2	18.4	21.6	23.4	24.2	25.5	26.5	27.5	28.2	28.5	28.7	28.7	29.2	29.4	29.8
≥ 4500		15.7	19.2	22.7	24.4	25.3	26.5	27.6	28.5	29.2	29.6	29.7	29.7	30.3	30.4	30.9
≥ 4000		17.4	21.2	24.8	26.7	27.5	29.5	30.6	31.7	32.6	33.0	33.1	33.1	33.7	33.8	34.3
≥ 3500		18.2	22.0	26.1	28.2	29.1	31.5	32.7	33.9	35.1	35.4	35.6	35.6	36.1	36.3	36.7
≥ 3000		19.5	24.2	29.0	31.3	32.6	35.1	36.5	37.8	39.1	39.8	39.9	40.0	40.6	40.8	41.3
≥ 2500		21.5	27.4	33.0	35.7	37.4	40.4	41.9	43.2	44.4	45.1	45.3	45.4	46.0	46.2	46.7
≥ 2000		22.5	29.5	36.1	39.1	41.1	44.6	46.7	48.2	49.6	50.3	50.4	50.5	51.1	51.3	51.9
≥ 1800		23.0	30.3	37.0	40.1	42.5	46.2	48.4	50.4	52.0	52.9	53.0	53.1	53.7	53.9	54.4
≥ 1500		24.8	32.6	39.6	43.9	46.3	50.4	53.2	55.6	57.4	58.2	58.4	58.5	59.1	59.3	59.8
≥ 1200		27.1	35.6	43.3	48.3	51.3	56.4	60.1	62.6	64.8	65.7	65.8	66.0	66.5	66.8	67.3
≥ 1000		28.1	37.0	45.1	50.5	54.2	59.8	64.3	67.7	70.1	71.1	71.3	71.5	72.0	72.3	72.7
≥ 900		28.4	37.9	46.8	53.3	57.2	63.3	68.1	71.8	74.5	75.7	76.0	76.1	76.7	77.0	77.4
≥ 800		29.4	38.9	48.5	55.8	59.9	66.2	71.5	75.4	78.7	80.0	80.5	80.6	81.2	81.4	81.9
≥ 700		29.5	39.4	49.5	56.8	61.3	68.1	73.6	77.8	81.3	82.9	83.5	83.6	84.2	84.4	84.9
≥ 600		29.5	39.5	49.7	57.2	62.0	68.8	74.5	79.1	83.2	84.9	85.6	85.7	86.3	86.5	87.0
≥ 500		29.5	39.8	49.9	57.4	62.3	69.1	75.2	80.0	84.2	87.0	87.6	88.7	89.5	89.7	90.4
≥ 400		29.5	39.9	50.1	57.7	62.6	69.6	75.8	80.7	86.4	89.4	90.3	91.2	92.2	92.7	93.6
≥ 300		29.5	39.9	50.1	57.7	62.6	69.6	75.8	80.7	86.4	89.4	90.8	91.9	92.9	93.5	94.4
≥ 200		29.5	39.9	50.1	57.7	62.6	69.6	75.8	80.8	86.8	89.7	91.1	92.3	93.8	94.4	96.4
≥ 100		29.5	39.9	50.1	57.7	62.6	69.6	75.8	80.8	86.8	89.7	91.1	92.4	94.3	94.9	98.0
≥ 0		29.5	39.9	50.1	57.7	62.6	69.6	75.8	80.8	86.8	89.7	91.1	92.4	94.3	94.9	100.0

TOTAL NUMBER OF OBSERVATIONS 855

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35077 FULDA GERMANY AAF
STATION

61-70

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1963-11-1
HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥16	≥4	≥0
NO CEILING		5.5	6.3	7.0	8.1	10.0	11.1	12.1	12.9	13.4	14.3	14.4	14.8	14.9	14.9	15.7
≥ 20000		6.0	6.9	7.6	8.9	10.8	12.1	13.4	14.2	14.8	15.9	16.7	16.4	15.5	15.6	16.1
≥ 18000		6.0	6.9	7.6	8.9	10.8	12.1	13.4	14.2	14.8	15.9	16.7	16.4	15.5	15.6	16.1
≥ 16000		6.0	6.9	7.6	8.9	10.8	12.1	13.4	14.2	14.8	15.9	16.7	16.4	15.5	15.6	16.1
≥ 14000		6.1	7.0	7.7	9.0	10.9	12.3	13.5	14.3	14.9	16.0	16.2	16.3	16.6	16.7	17.7
≥ 12000		6.2	7.1	7.8	9.2	11.0	12.4	13.6	14.4	15.0	16.2	16.3	16.6	16.7	16.8	17.1
≥ 10000		7.1	8.0	9.0	10.5	12.4	13.9	15.3	16.3	16.9	18.1	18.2	18.6	18.7	18.8	19.0
≥ 9000		7.4	8.4	9.5	11.0	13.1	14.8	16.3	17.2	17.8	19.0	19.1	19.6	19.7	19.9	20.2
≥ 8000		9.7	10.9	12.3	13.7	15.9	17.8	19.4	20.6	21.3	22.8	22.9	23.4	23.6	23.8	24.1
≥ 7000		11.0	12.1	13.7	15.5	17.8	20.2	22.0	23.5	24.3	25.8	25.9	26.3	26.6	26.8	27.3
≥ 6000		11.3	12.5	14.1	15.9	18.3	20.8	22.8	24.3	25.2	26.7	26.8	27.3	27.5	27.7	27.9
≥ 5000		12.4	13.9	15.6	17.6	20.2	22.8	24.9	26.3	27.3	28.8	28.9	29.3	29.6	29.8	30.0
≥ 4500		13.2	14.7	16.6	18.8	21.4	24.1	26.1	27.7	28.9	30.5	30.6	31.0	31.3	31.5	31.7
≥ 4000		14.1	15.8	18.1	20.5	23.3	26.0	28.1	29.6	30.9	32.5	32.6	33.1	33.4	33.7	33.9
≥ 3500		15.0	17.0	19.6	22.1	24.9	27.7	29.9	31.6	33.0	34.8	34.9	35.5	35.9	36.1	36.5
≥ 3000		16.0	18.9	22.1	24.7	27.5	31.0	33.3	35.2	36.8	38.6	38.7	39.3	39.7	40.0	40.4
≥ 2500		19.6	22.0	25.7	28.6	31.8	35.6	38.4	40.3	42.2	44.0	44.2	44.8	45.2	45.5	45.9
≥ 2000		21.9	25.2	29.0	32.6	36.5	42.2	45.0	47.2	49.7	51.7	51.9	52.5	52.9	53.2	53.6
≥ 1800		22.5	25.8	29.6	33.3	37.3	42.0	45.9	48.2	50.7	52.8	53.0	53.6	54.1	54.3	54.8
≥ 1500		23.9	27.9	32.4	36.0	41.1	46.7	49.8	52.5	55.1	57.3	57.5	58.2	58.6	58.9	59.3
≥ 1200		26.0	30.9	36.4	41.5	46.3	52.0	55.9	59.7	62.4	64.6	64.8	65.5	66.1	66.3	66.8
≥ 1000		26.6	32.3	38.6	44.4	49.6	57.0	61.9	64.9	68.2	70.7	70.9	71.6	72.2	72.4	72.9
≥ 900		27.3	33.4	40.2	46.3	51.4	59.0	63.9	67.2	70.7	73.2	73.4	74.1	74.7	74.9	75.4
≥ 800		27.8	34.8	42.0	48.3	54.0	62.2	68.5	72.1	75.8	78.4	78.7	79.4	80.1	80.3	80.8
≥ 700		28.1	35.3	42.5	48.8	54.5	63.2	70.3	74.0	78.5	81.1	81.6	82.6	83.4	83.6	84.1
≥ 600		28.3	35.7	43.3	49.8	55.7	64.4	72.2	76.3	81.6	84.7	85.1	86.3	87.3	87.5	88.0
≥ 500		28.3	35.9	43.9	50.3	56.2	64.9	73.0	77.8	83.7	87.5	88.2	89.6	90.8	91.1	91.9
≥ 400		28.4	36.1	43.8	50.5	56.6	65.3	73.5	78.4	85.1	89.1	90.0	91.5	93.1	93.6	94.4
≥ 300		28.4	36.1	43.8	50.5	56.6	65.3	73.5	78.8	85.5	89.8	90.8	92.3	94.2	94.7	95.1
≥ 200		28.4	36.1	43.8	50.5	56.6	65.3	73.5	78.8	85.5	89.9	91.1	92.6	94.5	95.3	97.7
≥ 100		28.4	36.1	43.8	50.5	56.6	65.3	73.5	78.8	85.5	89.9	91.2	92.7	94.6	95.4	98.7
≥ 0		28.4	36.1	43.8	50.5	56.6	65.3	73.5	78.8	85.5	89.9	91.2	92.7	94.6	95.5	100.0

TOTAL NUMBER OF OBSERVATIONS 373

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 STATION FULDA GERMANY AAF STATION NAME

61-7- YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

120-140 HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING		6.0	7.1	8.8	11.5	12.9	14.6	16.4	17.1	17.9	18.1	18.5	18.6	18.6	18.6	18.7
≥ 20000		7.7	9.1	11.1	13.9	15.4	17.3	19.1	20.0	21.1	21.3	22.0	22.2	22.2	22.2	22.5
≥ 18000		7.7	9.1	11.1	13.9	15.4	17.3	19.1	20.0	21.1	21.3	22.0	22.2	22.2	22.2	22.5
≥ 16000		7.7	9.1	11.1	13.9	15.4	17.3	19.1	20.0	21.1	21.3	22.0	22.2	22.2	22.2	22.5
≥ 14000		7.8	9.2	11.2	14.0	15.6	17.4	19.2	20.1	21.2	21.4	22.1	22.3	22.3	22.3	22.6
≥ 12000		8.5	9.9	11.9	14.7	16.3	18.1	20.0	20.9	22.0	22.2	22.9	23.2	23.2	23.2	23.4
≥ 10000		9.1	10.6	13.0	16.1	17.7	19.8	21.6	22.6	24.0	24.3	25.3	25.3	25.3	25.3	25.5
≥ 9000		10.1	11.6	14.0	17.5	19.1	21.4	23.3	24.2	25.6	26.0	26.7	26.9	26.9	26.9	27.1
≥ 8000		11.7	13.5	16.1	19.9	21.4	23.9	25.7	26.7	28.1	28.4	29.1	29.6	29.6	29.6	29.8
≥ 7000		12.7	14.7	17.7	21.4	22.9	25.7	27.7	28.7	30.2	30.5	31.2	31.7	31.7	31.7	31.9
≥ 6000		13.6	15.7	18.9	22.7	24.3	27.3	29.8	30.9	32.4	32.7	33.5	33.9	33.9	33.9	34.3
≥ 5000		14.3	16.6	20.2	24.0	25.6	28.7	31.1	32.2	33.8	34.2	34.9	35.3	35.3	35.3	35.7
≥ 4500		14.6	17.1	20.8	24.7	26.5	29.6	32.2	33.2	34.9	35.2	35.9	36.5	36.5	36.5	36.8
≥ 4000		15.2	18.0	21.9	25.7	28.0	31.1	33.8	35.4	37.1	37.4	38.1	38.7	38.7	38.7	39.1
≥ 3500		16.8	19.8	25.6	27.6	29.9	33.1	35.9	37.8	39.4	39.8	40.5	41.1	41.1	41.1	41.4
≥ 3000		18.0	21.1	25.1	29.8	32.3	35.7	38.6	40.6	42.2	42.7	43.4	44.1	44.1	44.1	44.4
≥ 2500		20.5	23.9	28.5	33.5	36.1	39.9	42.9	44.9	46.8	47.3	48.0	48.7	48.7	48.7	49.0
≥ 2000		23.5	28.2	33.3	38.8	41.8	45.7	49.6	51.8	53.8	54.3	55.1	55.8	55.8	55.8	56.1
≥ 1800		24.1	29.4	34.9	40.5	43.4	47.6	51.5	53.8	55.9	56.4	57.2	57.9	57.9	57.9	58.2
≥ 1500		26.9	33.0	38.8	45.0	48.2	52.5	57.1	59.5	61.6	62.2	63.0	63.7	63.7	63.7	64.1
≥ 1200		29.2	36.6	43.9	50.6	54.5	60.4	65.4	68.0	70.4	71.3	72.2	72.9	73.0	73.0	73.3
≥ 1000		30.9	38.6	46.7	53.0	58.9	65.3	70.8	73.3	76.3	77.3	78.2	79.2	79.4	79.4	79.9
≥ 900		31.5	39.2	47.5	56.0	60.6	67.1	72.6	75.6	78.6	79.6	80.6	81.5	81.8	81.8	82.2
≥ 800		32.0	40.5	49.2	58.4	63.4	70.3	76.3	79.5	82.9	84.3	85.4	86.4	86.7	86.7	87.1
≥ 700		32.5	41.3	50.5	60.4	65.6	72.2	79.4	82.8	86.4	88.0	89.0	90.1	90.3	90.3	90.8
≥ 600		32.6	41.4	50.6	60.6	66.1	74.2	80.6	84.2	88.3	90.1	91.1	92.2	92.5	92.5	93.0
≥ 500		32.9	41.8	51.0	61.1	66.5	74.7	81.5	85.1	89.7	91.8	92.9	93.9	94.4	94.4	95.0
≥ 400		32.9	41.8	51.0	61.1	66.5	74.7	82.2	85.8	91.3	93.6	94.6	95.8	97.0	97.0	97.5
≥ 300		32.9	41.8	51.0	61.1	66.5	74.9	82.3	86.1	91.6	93.9	95.0	96.1	97.3	97.3	98.6
≥ 200		32.9	41.8	51.0	61.1	66.5	74.9	82.3	86.1	91.6	93.9	95.0	96.1	97.3	97.3	99.4
≥ 100		32.9	41.8	51.0	61.1	66.5	74.9	82.3	86.1	91.6	93.9	95.0	96.1	97.4	97.4	99.6
≥ 0		32.9	41.8	51.0	61.1	66.5	74.9	82.3	86.1	91.6	93.9	95.0	96.1	97.4	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 855

DATA PROCESSING DIVISION
USAF ETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF

61-70

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700
HOURS LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING		8.8	10.2	12.3	14.3	15.3	16.4	17.5	18.2	18.8	19.2	19.3	19.3	19.3	19.3	19.4
≥ 20000		10.7	12.8	15.3	17.5	18.6	19.9	21.2	22.3	23.1	23.5	23.9	24.0	24.0	24.0	24.2
≥ 18000		10.7	12.8	15.3	17.5	18.6	19.9	21.2	22.3	23.1	23.5	23.9	24.0	24.0	24.0	24.2
≥ 16000		10.7	12.8	15.3	17.5	18.6	19.9	21.2	22.3	23.1	23.5	23.9	24.0	24.0	24.0	24.2
≥ 14000		10.8	13.0	15.5	17.7	18.8	20.1	21.4	22.5	23.4	23.7	24.1	24.2	24.2	24.2	24.5
≥ 12000		11.3	13.5	16.0	18.2	19.3	20.6	22.0	23.1	24.0	24.3	24.7	24.8	24.8	24.8	25.1
≥ 10000		11.6	14.7	17.6	19.9	21.0	22.4	24.0	25.1	26.0	26.4	26.7	26.9	26.9	26.9	27.1
≥ 9000		12.9	15.8	18.7	21.0	22.0	24.0	25.8	26.9	28.0	28.3	28.9	29.0	29.0	29.0	29.3
≥ 8000		14.0	17.0	20.5	23.0	24.1	26.1	28.1	29.3	30.6	31.0	31.6	31.7	31.7	31.7	31.9
≥ 7000		15.2	18.7	22.7	25.2	26.3	28.6	31.0	32.0	33.4	33.7	34.3	34.5	34.5	34.5	34.7
≥ 6000		16.5	20.0	24.2	26.7	27.8	30.1	32.8	33.9	35.2	35.5	36.1	36.3	36.3	36.3	36.5
≥ 5000		18.0	21.7	26.1	28.9	30.0	32.3	35.2	36.4	37.7	38.1	39.7	38.8	38.8	38.8	39.0
≥ 4500		18.7	22.4	27.0	30.1	31.2	33.6	36.5	37.7	39.0	39.4	40.0	40.1	40.1	40.1	40.4
≥ 4000		20.1	24.2	29.0	32.3	33.6	36.0	39.0	40.2	41.7	42.0	42.9	43.1	43.1	43.1	43.4
≥ 3500		20.8	25.1	30.0	33.4	34.8	37.2	40.2	41.4	43.0	43.4	44.2	44.5	44.5	44.5	44.7
≥ 3000		23.7	28.7	34.3	38.3	39.9	42.3	45.4	46.6	48.6	48.9	49.8	50.0	50.0	50.0	50.2
≥ 2500		25.9	32.0	38.7	42.9	44.5	46.9	50.0	51.2	53.1	53.5	54.3	54.6	54.6	54.6	54.8
≥ 2000		29.2	36.7	44.1	49.0	51.0	54.3	57.6	58.8	60.7	61.1	61.9	62.2	62.2	62.2	62.4
≥ 1800		29.8	38.0	45.4	50.4	52.4	55.1	59.5	60.7	62.8	63.1	64.0	64.2	64.2	64.2	64.5
≥ 1500		33.0	42.3	51.2	56.7	58.9	62.0	66.7	68.0	70.5	70.8	71.7	71.9	71.9	71.9	72.2
≥ 1200		34.7	44.9	54.0	60.5	63.3	68.4	72.8	74.5	77.3	78.0	78.8	79.0	79.0	79.0	79.3
≥ 1000		35.2	45.5	55.4	61.9	64.8	70.6	75.9	77.8	81.1	81.8	82.7	82.9	82.9	82.9	83.1
≥ 900		35.3	45.9	55.8	62.4	65.5	71.4	76.7	78.7	82.2	82.9	83.7	84.0	84.0	84.0	84.2
≥ 800		35.3	46.7	57.0	64.3	67.6	73.5	78.8	80.8	84.3	85.7	86.5	86.7	86.7	86.7	87.0
≥ 700		35.3	46.9	57.2	64.8	68.4	74.7	80.5	82.9	86.9	88.2	89.0	89.4	89.4	89.4	89.6
≥ 600		35.3	46.9	57.5	65.4	69.2	76.1	82.0	84.5	88.8	90.1	91.2	91.7	91.7	91.7	91.9
≥ 500		35.3	47.0	57.8	65.9	69.6	77.0	83.7	86.3	90.8	92.4	93.9	94.6	94.7	94.7	94.9
≥ 400		35.3	47.0	57.8	65.9	70.0	77.3	84.3	87.2	92.7	94.2	95.9	96.7	97.2	97.3	97.8
≥ 300		35.3	47.0	57.8	65.9	70.0	77.3	84.5	87.3	92.8	94.5	96.1	97.1	97.6	97.7	98.6
≥ 200		35.3	47.0	57.8	65.9	70.0	77.3	84.5	87.3	92.8	94.5	96.1	97.2	97.7	97.8	99.4
≥ 100		35.3	47.0	57.8	65.9	70.0	77.3	84.5	87.3	92.8	94.5	96.1	97.2	97.7	97.8	99.4
≥ 0		35.3	47.0	57.8	65.9	70.0	77.3	84.5	87.3	92.8	94.5	96.1	97.2	97.7	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS

830

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053
STATION

FULDA GERMANY AAF

STATION NAME

62-76

YEARS

14-0-2-0-
MONTHS YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING		8.5	9.8	11.8	12.4	12.4	13.3	14.4	14.6	14.6	14.6	15.1	15.1	15.3	15.7	15.7
≥ 20000		10.5	12.4	14.6	15.1	15.5	17.2	17.7	17.9	18.8	19.2	19.2	19.7	20.3	20.3	20.3
IV 18000		10.5	12.4	14.6	15.1	15.5	17.2	17.7	17.9	18.8	19.2	19.2	19.7	20.3	20.3	20.3
IV 16000		10.5	12.4	14.6	15.1	15.5	17.2	17.7	17.9	18.8	19.2	19.2	19.7	20.3	20.3	20.3
IV 14000		10.5	12.4	14.6	15.1	15.5	17.2	17.7	17.9	18.8	19.2	19.2	19.7	20.3	20.3	20.3
IV 12000		10.7	12.5	14.8	15.3	15.7	17.3	17.9	18.1	19.0	19.4	19.4	19.9	20.5	20.5	20.5
IV 10000		11.1	13.3	15.5	16.1	16.4	18.3	18.8	19.0	19.9	20.3	20.3	20.8	21.4	21.4	21.4
IV 9000		12.4	14.8	17.0	17.7	18.1	19.9	21.0	21.2	22.5	22.9	23.4	24.0	24.0	24.0	24.0
IV 8000		12.7	15.1	17.9	19.0	19.4	21.2	23.1	23.2	24.5	24.9	24.9	25.5	26.0	26.0	26.0
IV 7000		14.2	17.2	20.7	22.0	22.3	24.2	26.0	26.2	27.5	27.9	27.9	28.4	29.0	29.0	29.0
IV 6000		15.7	18.6	22.1	23.4	23.8	25.8	27.9	28.0	29.3	29.7	29.7	30.3	30.8	30.8	30.8
IV 5000		18.1	21.4	24.9	26.2	26.6	28.8	30.8	31.2	32.7	33.0	33.0	33.6	34.1	34.1	34.1
IV 4500		19.4	22.7	26.2	27.9	28.2	30.6	32.8	33.2	34.7	35.1	35.1	35.6	36.2	36.2	36.2
IV 4000		20.1	23.8	27.3	29.0	29.3	31.7	34.3	34.7	36.3	36.7	36.7	37.3	37.8	38.4	38.4
IV 3500		21.6	25.5	29.0	30.8	31.2	33.8	36.7	37.1	38.7	39.1	39.7	40.2	40.8	40.8	40.8
IV 3000		23.3	29.9	34.3	37.2	37.6	40.8	43.9	44.3	45.9	46.3	46.9	47.4	48.0	48.0	48.0
IV 2500		27.5	33.0	38.2	41.3	42.1	45.4	48.7	49.1	50.7	51.1	51.7	52.2	52.8	52.8	52.8
IV 2000		30.1	37.1	42.8	47.2	48.5	52.2	55.9	56.3	57.9	58.3	58.9	59.4	60.0	60.0	60.0
IV 1800		31.0	38.2	44.6	49.3	50.7	54.8	59.0	59.4	61.5	61.4	62.0	62.5	63.1	63.1	63.1
IV 1500		32.7	41.5	49.1	54.8	57.0	61.1	65.5	65.9	68.1	68.5	69.0	69.6	70.1	70.1	70.1
IV 1200		34.7	44.1	52.0	59.2	62.0	67.3	72.3	72.9	75.3	75.0	76.6	77.1	77.7	77.7	77.7
IV 1000		35.1	44.6	53.5	61.1	64.4	70.3	76.0	76.8	79.2	80.1	80.6	81.2	81.7	81.7	81.7
IV 900		35.1	45.4	54.6	62.4	66.2	72.5	78.2	79.2	81.5	82.5	83.0	83.6	84.1	84.1	84.1
IV 800		35.1	45.6	55.4	63.5	67.5	74.0	79.9	81.0	83.4	84.5	85.1	85.6	86.2	86.2	86.2
IV 700		35.1	46.3	56.1	64.6	69.0	76.0	82.5	83.6	86.7	88.0	88.6	89.3	89.9	89.9	89.9
IV 600		35.1	46.5	56.5	64.9	69.4	76.6	83.8	85.1	88.6	89.7	90.4	91.1	91.7	91.7	91.7
IV 500		35.1	46.5	56.5	64.9	69.4	76.9	84.9	86.3	90.2	91.5	92.8	93.5	94.8	94.8	94.8
IV 400		35.1	46.5	56.5	64.9	69.4	77.1	85.4	87.5	92.3	93.5	94.4	96.1	97.4	97.6	97.8
IV 300		35.1	46.5	56.5	64.9	69.4	77.1	85.4	87.8	92.6	93.9	95.8	96.7	98.0	98.2	98.5
IV 200		35.1	46.5	56.5	64.9	69.4	77.1	85.4	87.8	92.6	93.9	95.8	96.7	98.0	98.2	99.6
IV 100		35.1	46.5	56.5	64.9	69.4	77.1	85.4	87.8	92.6	93.9	95.8	96.7	98.2	98.3	99.8
IV 0		35.1	46.5	56.5	64.9	69.4	77.1	85.4	87.8	92.6	93.9	95.7	96.9	98.2	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 542

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AAC

CEILING VERSUS VISIBILITY

85053

FULDA GERMANY AAF

03,65,67

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LAST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING		13.9	15.0	15.5	15.5	15.5	15.5	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
≥ 20000		16.0	18.2	19.8	19.8	19.8	19.8	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
IV 18000		16.0	18.2	19.8	19.8	19.8	19.8	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
IV 16000		16.0	18.2	19.8	19.8	19.8	19.8	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
IV 14000		16.0	18.2	19.8	19.8	19.8	19.8	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
IV 12000		16.0	18.2	19.8	19.8	19.8	19.8	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
IV 10000		16.0	18.2	19.8	19.8	19.8	19.8	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
IV 9000		16.0	18.2	19.8	19.8	19.8	19.8	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
IV 8000		16.6	19.3	20.9	20.9	20.9	20.9	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
IV 7000		17.6	20.3	23.0	23.0	23.0	23.0	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
IV 6000		18.2	20.9	23.5	23.5	23.5	23.5	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
IV 5000		18.7	23.0	27.3	27.3	27.3	27.3	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
IV 4500		20.3	25.1	31.6	31.6	32.1	32.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
IV 4000		21.9	28.9	35.8	35.8	36.4	36.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
IV 3500		25.1	32.6	40.6	40.6	41.2	41.2	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
IV 3000		28.3	36.4	44.9	44.9	46.0	46.0	48.1	48.1	48.7	48.7	49.2	49.2	49.2	49.2	49.2
IV 2500		29.4	38.5	48.1	48.1	50.3	50.3	52.4	52.4	53.3	53.3	54.0	54.0	54.5	54.5	54.5
IV 2000		32.1	41.2	51.9	51.9	53.1	53.1	59.4	59.4	60.4	60.4	61.0	61.0	61.5	61.5	61.5
IV 1800		32.1	41.2	51.9	51.9	53.1	53.1	59.4	59.4	60.4	60.4	61.0	61.0	61.5	61.5	61.5
IV 1500		35.3	44.9	56.7	56.7	58.3	58.3	62.0	62.0	63.3	63.3	64.4	64.4	65.0	65.0	65.0
IV 1200		36.4	47.6	62.6	62.6	64.7	64.7	70.1	70.1	71.9	71.9	73.8	73.8	75.9	75.9	75.9
IV 1000		38.5	50.8	69.0	69.0	71.7	71.7	77.3	77.3	81.2	81.2	82.4	82.4	83.4	83.4	83.4
IV 900		38.5	50.8	70.1	70.1	72.7	72.7	79.1	79.1	83.4	83.4	85.6	85.6	87.7	87.7	87.7
IV 800		38.5	51.3	71.1	71.1	73.8	73.8	80.7	80.7	85.0	85.0	87.7	87.7	88.8	88.8	88.8
IV 700		38.5	51.3	71.7	71.7	74.2	74.2	81.3	81.3	86.1	86.1	88.8	88.8	90.9	90.9	90.9
IV 600		38.5	51.3	72.7	72.7	75.9	75.9	83.4	83.4	88.8	88.8	90.9	90.9	92.5	92.5	92.5
IV 500		38.5	51.3	72.7	72.7	75.9	75.9	83.4	83.4	88.8	88.8	92.5	92.5	93.6	93.6	93.6
IV 400		38.5	51.3	72.7	72.7	75.9	75.9	83.4	83.4	88.8	88.8	92.5	92.5	93.6	93.6	93.6
IV 300		38.5	51.3	72.7	72.7	75.9	75.9	83.4	83.4	88.8	88.8	92.5	92.5	93.6	93.6	93.6
IV 200		38.5	51.3	72.7	72.7	75.9	75.9	83.4	83.4	88.8	88.8	92.5	92.5	93.6	93.6	93.6
IV 100		38.5	51.3	72.7	72.7	75.9	75.9	83.4	83.4	88.8	88.8	92.5	92.5	93.6	93.6	93.6
IV 0		38.5	51.3	72.7	72.7	75.9	75.9	83.4	83.4	88.8	88.8	92.5	92.5	93.6	93.6	100.0

TOTAL NUMBER OF OBSERVATIONS

187

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/1AC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF
STATION STATION NAME

65,67

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

060-070
ROUTE LIST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING ≥ 20000		20.2	22.6	23.2	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
IV 18000		27.4	30.4	31.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
IV 16000		27.4	30.4	31.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
IV 14000		27.4	30.4	31.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
IV 12000		27.4	30.4	31.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
IV 10000		27.4	31.0	31.5	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
IV 9000		27.4	31.0	31.5	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
IV 8000		29.2	32.7	33.3	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
IV 7000		29.8	33.9	34.5	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
IV 6000		31.0	35.1	35.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
IV 5000		32.7	36.9	37.5	41.7	41.7	41.7	42.3	42.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5
IV 4500		34.5	38.7	39.3	44.6	45.2	45.2	45.8	45.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0
IV 4000		37.5	41.7	42.3	48.8	49.4	49.4	50.0	50.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2
IV 3500		39.9	44.6	45.2	51.8	52.4	52.4	53.0	53.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 3000		41.1	45.8	47.6	54.2	54.8	56.0	56.5	56.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 2500		48.8	56.5	58.3	63.5	65.7	65.7	69.0	69.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 2000		55.4	63.1	64.9	72.0	73.2	73.6	76.2	76.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 1800		57.1	64.9	67.3	74.4	75.6	76.6	79.2	79.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 1500		58.3	67.3	69.6	77.4	78.6	81.5	82.7	82.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 1200		60.7	72.6	75.0	83.3	85.1	87.5	91.1	91.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 1000		60.7	72.6	75.0	83.3	85.1	87.5	91.1	91.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 900		60.7	72.6	75.0	83.3	85.1	87.5	91.1	91.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 800		60.7	72.6	75.0	83.3	85.1	87.5	91.1	91.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 700		60.7	72.6	75.0	83.3	85.1	87.5	91.1	91.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 600		60.7	72.6	75.0	83.3	85.1	87.5	91.1	91.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 500		60.7	72.6	75.0	83.3	85.1	87.5	91.1	91.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 400		60.7	72.6	75.0	83.3	85.1	87.5	91.1	91.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 300		60.7	72.6	75.0	83.3	85.1	87.5	91.1	91.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 200		60.7	72.6	75.0	83.3	85.1	87.5	91.1	91.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 100		60.7	72.6	75.0	83.3	85.1	87.5	91.1	91.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 0		60.7	72.6	75.0	83.3	85.1	87.5	91.1	91.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3

TOTAL NUMBER OF OBSERVATIONS 168

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF

01-65,67-7

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2.0-05.0
HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		16.5	18.2	20.6	22.5	23.3	23.5	24.3	25.6	26.3	26.6	27.1	27.1	27.1	27.3	
≥20000		18.0	19.7	22.5	24.3	25.1	25.3	26.1	27.3	28.1	28.4	28.4	28.9	28.9	29.1	
IV 18000		18.0	19.7	22.3	24.3	25.1	25.3	26.1	27.3	28.1	28.4	28.4	28.9	28.9	29.1	
IV 16000		18.0	19.7	22.3	24.3	25.1	25.3	26.1	27.3	28.1	28.4	28.4	28.9	28.9	29.1	
IV 14000		18.0	19.7	22.3	24.3	25.1	25.3	26.3	27.6	28.4	28.6	28.6	29.1	29.1	29.4	
IV 12000		18.0	19.7	22.5	24.3	25.1	25.8	26.8	28.1	28.9	29.1	29.1	29.6	29.6	29.9	
IV 10000		18.5	20.5	23.5	25.3	26.1	26.8	27.8	29.1	29.9	30.1	30.1	30.6	30.6	30.9	
IV 9000		19.2	21.5	24.6	26.3	27.1	27.8	28.9	30.1	30.9	31.1	31.1	31.6	31.6	31.9	
IV 8000		19.5	21.8	25.3	27.6	28.4	29.1	30.1	31.4	32.1	32.9	32.9	33.4	33.4	33.7	
IV 7000		20.3	23.0	26.8	29.1	29.9	30.6	31.6	32.9	34.2	34.4	34.4	34.9	34.9	35.2	
IV 6000		22.5	25.8	29.6	31.9	32.7	33.4	34.4	35.7	37.0	37.2	37.2	37.7	37.7	38.1	
IV 5000		24.6	28.6	32.9	35.2	35.9	36.7	37.7	39.0	40.3	40.5	40.5	41.0	41.0	41.3	
IV 4500		25.1	29.2	33.4	35.7	36.5	37.2	38.2	39.5	40.8	41.0	41.0	41.5	41.5	41.8	
IV 4000		27.3	31.4	36.2	38.7	39.5	40.3	41.5	42.8	44.1	44.6	44.6	45.1	45.1	45.3	
IV 3500		29.4	33.4	39.0	41.5	42.3	43.0	44.3	45.6	47.1	47.6	47.6	48.1	48.1	48.4	
IV 3000		31.6	35.9	42.8	45.6	46.3	47.1	48.4	49.9	51.6	52.2	52.2	52.7	52.7	52.9	
IV 2500		33.4	40.0	46.8	50.1	50.9	51.9	53.7	55.2	57.0	57.5	57.5	58.0	58.0	58.2	
IV 2000		35.9	43.2	51.6	55.7	56.5	58.2	60.0	61.8	63.8	64.8	64.8	65.6	65.6	66.1	
IV 1800		37.0	44.6	53.2	57.5	58.5	60.3	62.0	63.8	65.8	66.8	66.8	67.6	67.6	68.1	
IV 1500		38.0	46.8	55.9	62.3	63.5	66.8	68.6	70.6	72.7	73.7	73.7	74.4	74.4	74.9	
IV 1200		39.7	48.6	58.5	65.3	66.6	71.1	73.2	75.2	77.5	78.7	78.7	79.5	79.5	80.0	
IV 1000		39.7	48.6	58.5	65.3	67.1	72.2	74.2	76.7	79.2	80.5	80.5	81.3	81.3	81.9	
IV 900		39.7	48.6	58.7	65.8	67.6	73.2	75.2	77.7	81.0	82.3	82.3	83.0	83.0	83.5	
IV 800		40.3	49.2	60.5	68.9	70.6	77.2	79.2	82.0	85.3	86.6	86.6	87.3	88.1	88.6	
IV 700		40.3	49.8	61.5	70.4	72.2	78.7	82.3	85.1	88.6	90.1	90.1	90.9	91.5	92.2	
IV 600		40.3	49.8	61.5	70.6	72.7	79.3	83.8	86.3	89.9	91.4	91.4	92.2	92.9	93.4	
IV 500		40.3	49.8	61.8	71.1	73.2	80.8	85.3	88.1	91.9	93.7	93.7	94.4	95.2	95.9	
IV 400		40.3	49.8	61.8	71.1	73.2	80.8	85.3	88.1	92.9	94.9	94.9	95.7	96.5	97.0	
IV 300		40.3	49.8	61.8	71.1	73.2	80.8	85.3	88.1	92.9	94.9	94.9	95.7	96.5	97.0	
IV 200		40.3	49.8	61.8	71.1	73.2	80.8	85.3	88.4	93.2	95.2	95.2	95.9	96.7	97.2	
IV 100		40.3	49.8	61.8	71.1	73.2	80.8	85.3	88.4	93.2	95.2	95.2	95.9	96.7	97.2	
IV 0		40.3	49.8	61.8	71.1	73.2	80.8	85.3	88.4	93.2	95.2	95.2	96.2	97.2	97.7	

TOTAL NUMBER OF OBSERVATIONS 395

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/1AC

CEILING VERSUS VISIBILITY

35053
STATION

FULDA GERMANY AAF
STATION NAME

01-70
YEARS

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

070-090
HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING		9.6	11.2	12.8	13.3	13.8	14.2	14.5	15.3	16.3	17.1	17.2	17.3	17.8	17.8	19.2
≥ 20000		11.5	13.3	15.1	15.6	16.3	16.8	17.2	18.5	19.6	20.4	20.5	20.6	21.3	21.3	22.0
IV 18000		11.5	13.3	15.1	15.6	16.3	16.8	17.2	18.5	19.6	20.4	20.5	20.6	21.3	21.3	22.0
IV 16000		11.5	13.3	15.1	15.6	16.3	16.8	17.2	18.5	19.6	20.4	20.5	20.6	21.3	21.3	22.0
IV 14000		11.7	13.5	15.3	15.8	16.4	16.9	17.6	18.8	20.0	20.8	20.9	21.0	21.7	21.7	23.2
IV 12000		11.8	13.6	15.4	15.9	16.5	17.1	17.7	19.0	20.1	20.9	21.0	21.2	21.8	21.8	23.5
IV 10000		12.2	14.4	16.3	16.8	17.4	17.9	18.7	20.1	21.3	22.1	22.2	22.3	23.2	23.2	24.9
IV 9000		14.1	16.8	18.7	19.2	19.9	20.4	21.2	22.6	23.7	24.5	24.6	24.7	25.6	25.6	27.3
IV 8000		15.8	18.6	20.8	21.5	22.2	22.9	23.8	25.4	26.6	27.6	27.7	27.8	28.7	28.7	30.4
IV 7000		16.7	19.6	21.8	22.6	23.2	24.0	24.9	26.4	27.8	28.6	28.7	28.8	29.7	29.7	31.4
IV 6000		17.8	20.8	22.9	23.7	24.4	25.1	26.0	27.6	29.0	29.7	29.9	30.0	30.9	30.9	32.6
IV 5000		20.4	23.5	25.8	26.5	27.2	27.9	28.8	30.4	31.8	32.6	32.7	32.8	33.7	33.7	35.4
IV 4500		21.4	24.5	26.8	27.6	28.2	29.1	30.0	31.5	32.9	33.7	33.8	34.0	34.9	34.9	36.5
IV 4000		23.7	27.7	30.4	31.3	31.9	32.8	33.7	35.4	36.8	37.7	37.8	37.9	38.8	38.8	40.6
IV 3500		24.5	28.6	31.4	32.3	33.2	34.1	35.0	36.7	38.1	39.0	39.1	39.2	40.1	40.1	41.9
IV 3000		25.5	30.9	34.6	36.3	37.2	38.1	39.0	41.7	43.2	44.2	44.4	44.6	45.5	45.5	47.3
IV 2500		29.1	34.0	38.1	40.1	41.5	42.9	44.2	46.2	47.7	48.7	48.8	49.1	50.0	50.0	51.8
IV 2000		31.8	38.2	43.2	46.3	47.8	49.5	50.9	52.9	54.6	55.6	55.8	56.0	56.9	56.9	58.7
IV 1800		32.6	39.2	44.4	47.8	49.4	51.4	52.8	54.9	56.5	57.6	57.7	58.1	59.0	59.0	60.8
IV 1500		33.2	40.3	46.2	50.3	52.2	54.6	56.7	58.7	60.5	61.5	61.7	62.2	63.1	63.1	64.9
IV 1200		34.6	41.9	49.0	54.2	57.2	60.0	62.4	65.0	66.9	68.2	68.3	68.8	69.7	69.7	71.5
IV 1000		35.4	43.1	50.4	55.9	59.5	63.6	66.7	69.2	71.8	73.7	74.0	74.5	75.4	75.4	77.2
IV 900		35.4	43.1	50.4	55.9	59.5	63.6	66.7	69.2	71.8	73.7	74.0	74.5	75.4	75.4	77.2
IV 800		35.6	43.8	51.8	57.9	61.9	66.3	70.3	73.3	76.7	78.6	78.8	79.4	80.3	80.3	82.1
IV 700		35.8	44.2	53.2	59.4	64.1	68.7	72.8	76.3	80.3	82.6	82.9	83.5	84.4	84.4	86.2
IV 600		35.8	44.4	53.3	60.3	64.5	69.7	74.4	78.2	82.8	85.3	85.9	86.4	87.3	87.3	89.1
IV 500		35.8	44.7	53.7	60.6	64.9	70.3	75.6	80.1	85.3	87.9	88.8	89.4	90.3	90.3	92.6
IV 400		35.8	44.7	53.7	60.6	64.9	70.3	75.6	80.1	85.3	87.9	88.8	89.4	90.3	90.3	92.6
IV 300		35.8	44.7	53.7	60.6	64.9	70.3	75.6	80.1	85.3	87.9	88.8	89.4	90.3	90.3	92.6
IV 200		35.8	44.7	54.0	60.9	65.1	70.5	76.2	80.8	86.4	89.6	90.5	91.5	92.5	92.5	94.2
IV 100		35.8	44.7	54.0	61.0	65.3	70.6	76.3	80.9	86.5	89.9	90.9	91.9	93.3	93.3	95.1
IV 0		35.8	44.7	54.0	61.0	65.3	70.6	76.3	80.9	86.5	89.9	90.9	91.9	93.3	93.3	95.1

TOTAL NUMBER OF OBSERVATIONS 780

USAF ETAC FOR JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-70
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

24-11
HOURS (Z)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		8.1	9.3	10.2	11.4	12.8	13.8	14.4	15.2	16.3	16.9	17.2	17.5	18.2	16.3	19.2
IV 20000		11.4	13.2	14.2	15.5	16.9	17.9	19.4	20.6	21.8	22.4	22.9	23.3	24.2	24.3	25.4
IV 18000		11.5	13.3	14.3	15.7	17.0	18.0	19.5	20.7	21.9	22.6	23.1	23.4	24.3	24.4	25.6
IV 16000		11.5	13.3	14.3	15.7	17.0	18.0	19.5	20.7	21.9	22.6	23.1	23.4	24.3	24.4	25.6
IV 14000		11.5	13.3	14.3	15.7	17.0	18.0	19.5	20.7	21.9	22.6	23.1	23.4	24.3	24.4	25.6
IV 12000		11.8	13.5	14.5	15.9	17.3	18.3	19.8	20.9	22.2	22.8	23.3	23.7	24.6	24.7	25.7
IV 10000		12.2	14.0	15.3	16.7	18.0	19.3	20.8	21.9	23.4	24.1	24.6	24.9	25.8	25.9	27.1
IV 9000		12.8	14.8	16.2	17.5	18.9	20.2	21.7	23.1	24.6	25.2	25.7	26.3	27.3	27.4	28.7
IV 8000		14.0	16.3	17.8	19.2	20.6	22.3	23.8	25.3	26.9	27.7	28.3	28.8	29.6	29.7	31.3
IV 7000		14.8	17.5	19.2	20.7	22.1	23.8	25.3	26.8	28.7	29.6	30.2	30.7	31.8	32.5	33.5
IV 6000		15.8	18.5	20.3	21.9	23.4	25.3	26.8	28.4	30.3	31.3	32.0	32.5	33.6	33.7	35.3
IV 5000		16.7	19.7	22.1	23.8	25.3	27.2	28.7	30.3	32.2	33.2	33.8	34.3	35.5	35.6	37.2
IV 4500		17.3	20.3	22.7	24.4	26.1	27.9	29.4	31.1	33.0	34.0	34.6	35.1	36.2	36.3	38.0
IV 4000		19.0	22.3	24.7	26.6	28.3	30.2	32.0	33.6	35.7	36.7	37.3	37.8	39.0	39.1	40.7
IV 3500		20.1	23.6	26.3	28.4	30.5	32.3	34.5	36.1	38.2	39.2	39.8	40.4	41.5	41.6	43.2
IV 3000		21.0	25.6	28.8	31.5	34.2	36.1	38.6	40.4	42.5	43.5	44.1	44.6	45.7	45.9	47.5
IV 2500		24.4	28.6	32.6	35.6	38.5	41.0	44.1	46.0	48.7	49.5	50.1	50.6	51.8	51.9	53.5
IV 2000		28.1	32.7	37.2	40.6	44.0	47.1	50.6	52.6	55.8	57.1	57.8	58.4	59.5	59.6	61.3
IV 1800		28.4	33.5	38.2	41.7	45.1	48.5	52.0	54.3	57.4	58.9	59.5	60.2	61.3	61.4	63.0
IV 1500		29.4	35.5	41.1	45.0	48.5	52.1	56.0	58.4	61.5	63.2	63.8	64.5	66.0	66.2	67.8
IV 1200		31.3	38.3	45.1	50.1	53.8	58.1	62.8	65.3	68.8	70.4	71.2	71.9	73.4	73.6	75.2
IV 1000		31.5	39.7	46.9	52.1	56.0	60.9	66.0	68.9	73.3	75.3	76.1	77.1	78.6	78.7	80.3
IV 900		32.0	40.0	47.2	52.5	56.5	61.4	67.0	69.9	74.7	76.7	77.4	78.4	79.9	80.1	81.7
IV 800		32.6	40.6	48.5	53.8	57.8	62.9	69.3	72.2	77.3	79.4	80.3	81.6	83.1	83.2	84.8
IV 700		32.6	40.7	49.1	54.9	59.0	64.4	71.4	74.8	80.8	83.2	84.1	85.3	86.8	87.0	88.6
IV 600		32.6	40.7	49.1	55.3	59.5	65.3	72.7	76.3	82.2	85.3	86.2	87.6	89.5	89.6	91.2
IV 500		32.6	40.7	49.2	55.3	59.9	65.9	73.6	77.3	83.8	87.0	88.2	89.7	91.7	91.9	93.7
IV 400		32.6	40.7	49.2	55.3	59.9	65.9	73.7	77.4	84.2	87.6	88.8	90.5	93.1	93.2	95.2
IV 300		32.6	40.7	49.2	55.3	60.3	66.3	74.1	77.8	84.6	88.1	89.6	91.4	94.1	94.2	96.7
IV 200		32.6	40.7	49.2	55.3	60.3	66.3	74.1	77.9	84.7	88.2	89.7	91.5	94.2	94.4	97.4
IV 100		32.6	40.7	49.2	55.3	60.3	66.3	74.1	77.9	84.7	88.2	89.7	91.5	94.2	94.4	98.6
IV 0		32.6	40.7	49.2	55.3	60.3	66.3	74.1	77.9	84.7	88.2	89.7	91.5	94.2	94.4	100.0

TOTAL NUMBER OF OBSERVATIONS 798

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF

01-75

YEARS

-E-
PORT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2.4 = 14.4
100.5 = 1

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING		11.7	13.1	15.3	17.0	17.7	18.8	19.3	20.2	21.5	22.6	22.8	23.0	23.2	23.0	23.1
≥ 20000		15.1	17.0	19.4	21.3	22.1	23.3	24.0	24.9	26.7	27.4	27.7	27.8	27.8	27.0	27.1
IV 18000		15.1	17.0	19.4	21.3	22.1	23.3	24.0	24.9	26.7	27.4	27.7	27.8	27.8	27.8	27.8
IV 16000		15.1	17.0	19.4	21.3	22.1	23.3	24.0	24.9	26.7	27.4	27.7	27.8	27.8	27.8	27.8
IV 14000		15.2	17.1	19.5	21.4	22.2	23.5	24.1	25.0	26.8	27.6	27.8	27.9	27.9	27.9	27.9
IV 12000		15.3	17.2	19.6	21.5	22.3	23.5	24.2	25.1	26.9	27.7	27.9	28.1	28.1	28.1	28.1
IV 10000		16.6	18.6	21.0	23.1	23.9	25.1	25.9	26.8	28.6	29.3	29.6	29.7	29.7	29.7	29.7
IV 9000		17.2	19.6	22.1	24.2	25.0	26.4	27.3	28.3	30.1	30.9	31.1	31.3	31.3	31.3	31.3
IV 8000		18.2	21.4	24.7	27.2	27.9	29.3	30.2	31.3	33.0	33.8	34.1	34.2	34.2	34.2	34.3
IV 7000		19.5	22.8	26.1	28.6	29.3	30.7	31.6	32.7	34.6	35.3	35.6	35.7	35.7	35.7	35.9
IV 6000		20.2	23.5	26.8	29.3	30.1	31.6	32.8	33.9	36.0	36.7	37.0	37.1	37.1	37.1	37.2
IV 5000		21.4	24.9	28.3	30.9	31.6	33.3	34.4	35.6	38.0	38.8	39.0	39.2	39.2	39.2	39.3
IV 4500		21.7	25.3	28.7	31.4	32.1	33.8	34.9	36.1	38.5	39.3	39.5	39.7	39.7	39.7	39.8
IV 4000		23.5	27.2	30.6	33.4	34.3	36.0	37.8	39.0	41.5	42.2	42.5	42.6	42.6	42.6	42.7
IV 3500		23.6	29.8	33.7	36.5	37.4	39.0	40.8	42.1	44.5	45.3	45.5	45.7	45.7	45.7	45.8
IV 3000		28.2	32.9	37.5	41.3	42.3	44.3	46.0	47.3	49.9	50.6	50.9	51.1	51.1	51.1	51.3
IV 2500		32.4	38.0	43.1	47.3	49.0	51.0	54.0	55.4	57.9	58.7	58.9	59.2	59.2	59.2	59.3
IV 2000		35.5	42.3	48.2	53.2	53.0	57.5	60.8	62.5	65.2	65.9	66.2	66.5	66.5	66.5	66.6
IV 1800		36.2	43.1	49.7	54.8	55.8	59.6	62.9	64.8	67.7	68.5	68.8	69.0	69.0	69.0	69.1
IV 1500		38.1	45.0	51.9	57.8	60.2	63.5	67.2	69.3	72.2	73.0	73.5	73.9	73.9	73.9	74.0
IV 1200		40.7	48.1	55.9	62.2	65.2	68.8	72.8	75.0	78.7	79.5	80.0	80.4	80.4	80.4	80.5
IV 1000		41.6	49.2	57.0	64.3	67.7	72.1	76.7	78.8	83.0	83.9	84.4	84.8	84.9	84.9	85.1
IV 900		41.7	49.6	57.9	65.4	68.9	73.2	78.2	80.3	84.9	85.8	86.4	86.7	86.9	86.9	87.0
IV 800		42.3	50.4	59.1	67.0	70.4	74.9	80.4	82.8	87.5	88.6	89.2	89.5	89.7	89.7	89.8
IV 700		42.9	50.9	59.7	68.2	71.8	76.7	82.5	85.2	90.3	91.8	92.3	92.7	93.0	93.0	93.1
IV 600		42.9	50.9	59.8	68.6	72.4	77.4	83.8	86.5	91.8	93.6	94.1	94.6	94.9	94.9	95.0
IV 500		42.9	50.9	60.1	68.9	72.8	78.6	85.1	87.8	93.5	95.4	96.0	96.8	97.1	97.1	97.2
IV 400		42.9	51.0	60.3	69.2	73.2	79.0	85.5	88.3	94.1	96.2	96.8	97.7	98.0	98.1	98.5
IV 300		42.9	51.0	60.3	69.3	73.2	79.0	85.5	88.3	94.3	96.3	96.9	97.8	98.2	98.3	98.9
IV 200		42.9	51.0	60.3	69.3	73.2	79.0	85.5	88.3	94.3	96.3	96.9	98.0	98.3	98.5	99.7
IV 100		42.9	51.0	60.3	69.3	73.2	79.0	85.5	88.3	94.3	96.3	96.9	98.0	98.3	98.5	100.0
IV 0		42.9	51.0	60.3	69.3	73.2	79.0	85.5	88.3	94.3	96.3	96.9	98.0	98.3	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 784

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

35053 STATION FULDA GERMANY AAF STATION NAME

61-71

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12-17
100% 15.7%

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		15.4	16.9	19.0	19.8	20.7	22.1	22.5	22.9	23.3	23.6	23.6	23.6	23.7	23.7	23.7
≥ 20000		21.6	23.5	26.0	26.9	28.2	30.0	30.6	31.0	31.4	31.6	31.6	31.6	31.8	31.8	31.8
IV 18000		21.6	23.5	26.0	26.9	28.3	30.2	30.7	31.1	31.5	31.8	31.8	31.8	31.9	31.9	31.9
IV 16000		21.6	23.5	26.0	26.9	28.3	30.2	30.7	31.1	31.5	31.8	31.8	31.8	31.9	31.9	31.9
IV 14000		21.6	23.5	26.0	27.0	28.5	30.3	30.8	31.2	31.6	31.9	31.9	31.9	32.0	32.0	32.0
IV 12000		21.7	23.6	26.1	27.1	28.6	30.4	31.0	31.5	32.0	32.3	32.3	32.3	32.4	32.4	32.4
IV 10000		22.8	24.6	27.1	28.2	29.6	31.5	32.0	32.5	33.2	33.5	33.5	33.5	33.6	33.6	33.6
IV 9000		23.8	26.0	28.5	29.5	31.0	32.8	33.3	33.9	34.5	34.8	34.8	34.8	34.9	34.9	34.9
IV 8000		25.2	27.9	30.6	31.8	33.2	35.4	36.2	36.9	37.3	37.8	37.8	37.8	37.9	37.9	37.9
IV 7000		26.1	29.1	31.9	33.2	34.8	37.0	37.8	38.5	39.1	39.4	39.4	39.4	39.5	39.5	39.5
IV 6000		26.1	29.1	31.9	33.2	34.8	37.0	37.8	38.5	39.1	39.4	39.4	39.4	39.5	39.5	39.5
IV 5000		26.6	29.8	32.7	34.0	35.7	37.9	38.7	39.5	40.7	41.0	41.0	41.0	41.5	41.5	41.5
IV 4500		27.8	31.2	34.3	35.7	37.4	39.8	40.6	41.4	42.6	42.8	42.8	42.8	43.2	43.2	43.2
IV 4000		31.9	35.7	39.3	41.0	43.0	45.9	46.5	47.3	48.5	48.7	48.7	48.7	49.1	49.1	49.1
IV 3500		34.7	38.7	43.0	44.7	46.6	49.3	50.2	51.0	52.2	52.4	52.4	52.4	52.8	52.8	52.8
IV 3000		35.3	40.2	45.3	47.8	49.8	52.6	53.5	54.3	55.3	55.7	55.7	55.7	56.3	56.3	56.3
IV 2500		40.2	45.2	51.1	53.6	55.6	58.8	60.2	61.0	62.3	62.7	62.7	62.7	63.2	63.2	63.2
IV 2000		43.1	49.5	56.4	59.8	62.1	65.7	67.9	68.6	70.4	70.9	71.4	71.4	71.5	71.5	71.5
IV 1800		44.4	51.0	58.0	61.8	64.2	67.9	70.0	70.9	72.6	73.1	73.6	73.6	73.8	73.8	73.8
IV 1500		46.1	53.2	60.7	65.3	67.9	72.1	74.3	75.4	77.3	78.0	78.5	78.5	78.7	78.7	78.7
IV 1200		47.8	55.5	63.9	69.6	72.5	77.2	79.6	80.8	82.9	83.5	84.2	84.2	84.5	84.5	84.5
IV 1000		48.6	56.5	65.0	71.2	74.6	79.7	83.4	85.1	87.5	88.1	88.8	88.8	89.2	89.2	89.2
IV 900		48.6	56.5	65.0	71.2	74.6	79.7	83.4	85.1	87.5	88.1	88.8	88.8	89.2	89.2	89.2
IV 800		49.4	57.4	66.3	73.0	76.5	81.8	86.3	88.1	91.4	92.6	93.3	93.3	93.8	93.8	93.8
IV 700		49.5	57.6	66.8	73.3	76.9	82.2	87.4	89.2	92.8	94.1	94.7	94.7	95.3	95.3	95.3
IV 600		49.7	57.7	66.9	73.4	77.1	82.3	87.5	89.3	93.0	94.5	95.1	95.1	95.7	95.7	95.7
IV 500		49.7	57.7	66.9	73.4	77.1	82.3	87.5	89.3	93.0	94.5	95.1	95.1	95.7	95.7	95.7
IV 400		49.9	58.1	67.3	74.0	77.7	82.9	88.3	90.3	93.8	95.3	95.9	96.0	96.7	96.7	96.7
IV 300		49.9	58.1	67.3	74.0	77.7	82.9	88.3	90.3	93.8	95.3	95.9	96.0	96.7	96.7	96.7
IV 200		49.9	58.1	67.3	74.0	77.7	82.9	88.3	90.3	93.8	95.3	95.9	96.0	96.7	96.7	96.7
IV 100		49.9	58.1	67.3	74.0	77.7	82.9	88.3	90.3	93.8	95.3	95.9	96.0	96.7	96.7	96.7
IV 0		49.9	58.1	67.3	74.0	77.7	82.9	88.3	90.3	93.8	95.3	95.9	96.0	96.7	96.7	96.7

TOTAL NUMBER OF OBSERVATIONS 759

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

35053 STATION FLD GERMANY AAF

02-7

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH 1-6-68

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		15.5	17.9	19.3	19.6	19.8	20.4	21.6	21.6	21.8	22.0	22.0	22.0	22.0	22.0	22.0
≥ 20000		22.2	23.6	25.3	25.9	26.1	27.1	29.1	29.3	29.5	29.7	29.7	29.7	29.7	29.7	29.7
IV 18000		22.2	23.6	25.3	25.9	26.1	27.1	29.1	29.3	29.5	29.7	29.7	29.7	29.7	29.7	29.7
IV 16000		22.4	23.8	25.5	26.1	26.3	27.3	29.3	29.5	29.7	29.9	29.9	29.9	29.9	29.9	29.9
IV 14000		23.6	25.1	26.7	27.3	27.5	28.5	30.5	30.8	31.0	31.2	31.2	31.2	31.2	31.2	31.2
IV 12000		23.6	25.1	26.7	27.3	27.5	28.5	30.5	30.8	31.0	31.2	31.2	31.2	31.2	31.2	31.2
IV 10000		24.6	26.1	27.7	28.3	28.5	29.5	31.5	31.8	32.2	32.4	32.4	32.4	32.4	32.4	32.4
IV 9000		25.7	27.1	28.7	29.3	29.5	30.5	32.5	32.8	33.2	33.4	33.4	33.4	33.4	33.4	33.4
IV 8000		27.1	28.5	30.1	30.8	31.0	32.2	34.0	34.8	35.2	35.4	35.4	35.4	35.4	35.4	35.4
IV 7000		28.3	29.9	31.6	32.2	32.4	34.2	36.7	36.9	37.3	37.5	37.5	37.5	37.5	37.5	37.5
IV 6000		29.5	31.2	32.8	33.4	33.6	35.4	37.9	38.1	38.7	38.9	38.9	38.9	38.9	38.9	38.9
IV 5000		31.4	33.0	34.8	35.4	35.6	37.5	40.1	40.3	41.5	41.8	42.0	42.0	42.0	42.0	42.0
IV 4500		32.6	34.4	36.7	37.3	37.5	39.3	42.2	42.4	43.8	43.8	44.0	44.0	44.0	44.0	44.0
IV 4000		36.3	38.1	40.5	41.1	41.3	43.6	46.4	46.6	47.9	48.1	48.3	48.3	48.3	48.3	48.3
IV 3500		39.3	42.0	44.8	45.4	45.6	47.9	50.7	50.9	52.1	52.3	52.5	52.5	52.5	52.5	52.5
IV 3000		41.5	44.8	48.1	49.1	49.3	51.5	54.4	54.6	55.8	56.0	56.2	56.2	56.2	56.2	56.2
IV 2500		43.4	48.9	53.8	54.8	55.2	57.8	61.1	61.3	62.5	62.7	63.1	63.1	63.1	63.1	63.1
IV 2000		50.7	56.0	60.9	63.5	64.4	68.8	73.7	73.9	75.4	76.0	76.4	76.4	76.4	76.4	76.4
IV 1800		51.5	56.8	61.9	64.6	65.4	69.9	74.7	75.2	76.6	77.2	77.6	77.6	77.6	77.6	77.6
IV 1500		52.7	58.2	63.3	67.0	67.8	72.7	78.2	78.6	80.2	80.9	81.3	81.3	81.3	81.3	81.3
IV 1200		53.6	59.5	64.6	69.2	70.3	75.6	81.9	82.2	84.7	85.5	85.9	85.9	85.9	85.9	85.9
IV 1000		53.0	61.1	66.4	70.7	72.1	78.8	86.2	87.0	90.0	90.8	91.2	91.2	91.2	91.2	91.2
IV 900		53.0	61.1	66.4	71.3	72.7	80.0	87.6	88.4	92.1	92.9	93.3	93.3	93.3	93.3	93.3
IV 800		53.2	61.5	66.8	71.7	73.1	80.4	88.4	89.6	93.7	94.7	95.1	95.1	95.1	95.1	95.1
IV 700		53.2	61.7	67.0	71.9	73.3	80.7	88.8	90.0	94.3	95.3	95.9	96.1	96.1	96.1	96.1
IV 600		53.2	61.7	67.0	71.9	73.3	80.9	89.0	90.4	94.9	95.9	96.5	96.5	96.5	96.5	96.5
IV 500		53.2	61.7	67.4	72.9	74.3	81.9	90.0	91.4	96.1	97.1	97.6	98.2	98.2	98.2	98.2
IV 400		53.2	61.7	67.4	72.9	74.3	81.9	90.0	91.9	96.5	97.6	98.0	98.6	98.6	98.6	98.6
IV 300		53.2	61.7	67.6	73.1	74.5	82.1	90.2	92.1	95.7	97.0	98.2	98.2	98.2	98.2	98.2
IV 200		53.2	61.7	67.6	73.1	74.5	82.1	90.2	92.1	96.7	97.8	98.2	98.2	98.2	98.2	98.2
IV 100		53.2	61.7	67.6	73.1	74.5	82.1	90.2	92.1	96.7	97.8	98.2	98.2	98.2	98.2	98.2
IV 0		53.2	61.7	67.6	73.1	74.5	82.1	90.2	92.1	96.7	97.8	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 491

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3505 FL-DA GERMANY AAF
STATION STATION NAME

03,67

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-23-67

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		18.5	20.5	22.0	23.2	23.2	23.2	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 20000		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 10000		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 16000		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 14000		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 12000		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 10000		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 9000		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 8000		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 7000		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 6000		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 5000		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 4500		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 4000		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 3500		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 3000		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 2500		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 2000		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 1800		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 1500		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 1200		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 1000		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 900		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 800		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 700		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 600		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 500		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 400		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 300		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 200		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 100		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 0		25.0	28.0	29.2	30.4	30.4	30.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

33053
STATION

FULDA GERMANY AAF
STATION NAME

03257

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2000=0.2 u.
MOON 1.1

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/20	≥ 0
NO CEILING		25.2	29.6	29.6	30.1	30.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	32.3	32.3	32.3
≥ 20000		27.4	31.7	31.7	32.3	32.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	34.4	34.4	34.4
≥ 18000		27.4	31.7	31.7	32.3	32.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	34.4	34.4	34.4
≥ 16000		27.4	31.7	31.7	32.3	32.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	34.4	34.4	34.4
≥ 14000		27.4	31.7	31.7	32.3	32.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	34.4	34.4	34.4
≥ 12000		27.4	31.7	31.7	32.3	32.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	34.4	34.4	34.4
10000		30.1	34.4	34.4	34.9	34.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	37.1	37.1	37.1
9000		30.1	34.4	34.4	34.9	34.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	37.1	37.1	37.1
8000		34.9	39.2	39.2	39.8	39.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.9	41.9	41.9
7000		37.1	41.4	41.4	41.9	41.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	44.1	44.1	44.1
6000		37.1	41.4	41.4	41.9	41.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	44.1	44.1	44.1
5000		41.4	45.7	45.7	46.2	46.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	48.4	48.4	48.4
4500		45.7	50.0	50.0	50.5	50.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	52.7	52.7	52.7
4000		47.3	51.6	51.6	52.1	52.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	54.3	54.3	54.3
3500		50.0	54.3	54.3	54.9	54.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	57.1	57.1	57.1
3000		51.6	56.0	56.0	56.6	56.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	58.8	58.8	58.8
2500		55.4	61.8	61.8	62.4	62.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	64.6	64.6	64.6
2000		60.2	70.4	70.4	71.0	71.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	73.2	73.2	73.2
1800		61.8	72.1	72.1	72.7	72.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	74.9	74.9	74.9
1500		63.5	74.9	74.9	75.5	75.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	77.7	77.7	77.7
1200		63.5	74.9	74.9	75.5	75.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	77.7	77.7	77.7
1000		65.1	76.6	76.6	77.2	77.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	79.4	79.4	79.4
900		66.7	78.3	78.3	78.9	78.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	81.1	81.1	81.1
800		66.7	78.3	78.3	78.9	78.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	81.1	81.1	81.1
700		66.7	78.3	78.3	78.9	78.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	81.1	81.1	81.1
600		66.7	78.3	78.3	78.9	78.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	81.1	81.1	81.1
500		66.7	78.3	78.3	78.9	78.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	81.1	81.1	81.1
400		66.7	78.3	78.3	78.9	78.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	81.1	81.1	81.1
300		66.7	78.3	78.3	78.9	78.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	81.1	81.1	81.1
200		66.7	78.3	78.3	78.9	78.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	81.1	81.1	81.1
100		66.7	78.3	78.3	78.9	78.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	81.1	81.1	81.1
0		66.7	78.3	78.3	78.9	78.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	81.1	81.1	81.1

TOTAL NUMBER OF OBSERVATIONS 186

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF
STATION

64-65, 67-7.

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

300-000
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING		16.9	19.6	22.6	24.4	25.8	26.9	27.2	27.4	29.7	30.4	30.4	30.6	31.8	31.3	32.4
≥ 20000		19.2	21.9	25.1	27.2	28.5	29.7	29.9	30.1	32.4	33.1	33.1	33.3	33.6	33.5	34.7
≥ 18000		19.2	21.9	25.1	27.2	28.5	29.7	29.9	30.1	32.4	33.1	33.1	33.3	33.6	33.6	34.7
≥ 16000		19.2	21.9	25.1	27.2	28.5	29.7	29.9	30.1	32.4	33.1	33.1	33.3	33.6	33.6	34.7
≥ 14000		19.4	22.1	25.3	27.4	28.8	29.7	30.1	30.4	32.6	33.3	33.3	33.6	33.8	33.8	34.9
≥ 12000		19.4	22.1	25.6	27.6	29.0	30.1	30.4	30.6	32.9	33.6	33.6	33.8	34.0	34.0	35.4
≥ 10000		20.1	23.3	26.7	28.8	30.1	31.3	31.7	32.0	34.2	34.9	34.9	35.2	35.4	35.4	36.5
≥ 9000		20.3	23.7	27.2	29.2	30.6	31.7	32.2	32.4	34.7	35.4	35.4	35.6	35.8	35.8	37.1
≥ 8000		22.1	25.6	29.0	31.1	32.4	33.6	34.0	34.2	36.8	37.4	37.4	37.7	37.9	37.9	39.1
≥ 7000		23.5	27.2	31.1	33.1	34.5	35.6	36.1	36.3	38.8	39.5	39.5	39.7	40.0	40.0	41.1
≥ 6000		24.4	28.5	32.4	34.5	35.8	37.4	37.9	38.1	40.6	41.3	41.3	41.6	41.8	41.8	42.9
≥ 5000		27.6	31.7	36.3	38.4	39.7	41.3	41.8	42.0	44.5	45.2	45.2	45.4	45.7	45.7	46.8
≥ 4500		29.0	33.3	38.1	40.2	41.6	43.4	43.8	44.3	46.8	47.5	47.5	47.7	47.9	47.9	49.1
≥ 4000		29.7	34.2	40.2	42.9	44.3	46.1	46.6	47.0	49.5	50.2	50.2	50.5	50.7	50.7	51.8
≥ 3500		31.5	36.5	42.9	45.7	47.0	49.1	49.5	50.0	52.5	53.2	53.2	53.4	53.7	53.7	54.8
≥ 3000		33.1	38.8	45.7	48.4	49.8	52.1	53.4	53.9	56.4	57.1	57.1	57.3	57.5	57.5	58.7
≥ 2500		35.6	42.0	49.5	52.7	54.1	56.8	58.2	58.7	61.2	61.9	61.9	62.1	62.3	62.3	63.5
≥ 2000		39.5	46.3	55.7	59.8	61.6	64.8	66.2	66.7	69.6	70.3	70.3	70.5	70.8	70.8	71.9
≥ 1800		40.2	47.3	56.8	61.0	62.8	66.2	68.0	68.5	71.5	72.4	72.4	72.6	72.8	72.8	74.0
≥ 1500		41.1	48.9	60.3	64.8	66.7	70.1	71.9	72.4	75.3	76.3	76.3	76.5	76.7	76.7	77.9
≥ 1200		42.9	51.1	63.5	69.0	70.5	74.7	77.6	78.3	81.3	82.2	82.2	82.4	82.6	82.6	83.8
≥ 1000		45.9	54.3	67.1	72.6	75.1	79.3	82.6	83.6	86.5	87.4	87.4	87.7	87.7	87.7	89.0
≥ 900		45.9	54.3	67.4	73.3	75.8	80.1	83.5	84.5	87.4	88.4	88.4	88.6	88.8	88.8	90.0
≥ 800		45.9	54.3	68.5	74.4	77.2	81.5	84.9	85.8	88.7	89.7	89.7	90.4	90.4	90.9	92.2
≥ 700		45.9	54.3	68.5	74.9	77.6	82.0	85.5	86.5	89.4	90.4	90.4	90.6	90.9	90.9	92.2
≥ 600		46.1	54.6	68.9	75.3	78.1	82.6	86.5	87.9	90.8	91.8	91.8	92.5	92.7	92.7	94.1
≥ 500		46.1	54.6	69.2	75.8	78.5	83.6	87.9	89.7	92.6	93.6	93.6	94.3	94.5	94.5	95.9
≥ 400		46.1	54.6	69.2	75.8	78.5	83.6	87.9	89.7	92.6	93.6	93.6	94.3	94.5	94.5	95.9
≥ 300		46.1	54.6	69.2	75.8	78.5	83.6	87.9	89.7	92.6	93.6	93.6	94.3	94.5	94.5	95.9
≥ 200		46.1	54.6	69.2	75.8	78.5	83.6	87.9	89.7	92.6	93.6	93.6	94.3	94.5	94.5	95.9
≥ 100		46.1	54.6	69.2	75.8	78.5	83.6	87.9	89.7	92.6	93.6	93.6	94.3	94.5	94.5	95.9
0		46.1	54.6	69.2	75.8	78.5	83.6	87.9	89.7	92.6	93.6	93.6	94.3	94.5	94.5	95.9

TOTAL NUMBER OF OBSERVATIONS 436

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

33053 FULDA GERMANY AAF
STATION STATION NAME

61-7

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0-10-000
HOURLY TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥¼	≥0	≥0
NO CEILING ≥ 20000		9.1	10.5	12.5	14.1	15.9	17.7	19.8	20.7	22.1	23.2	23.5	23.7	24.3	24.3	24.4
IV 18000		10.9	12.4	14.4	16.3	18.1	20.1	22.2	23.2	24.6	25.9	26.2	26.4	27.1	27.1	29.2
IV 16000		10.9	12.4	14.4	16.3	18.1	20.1	22.2	23.2	24.6	25.9	26.2	26.4	27.1	27.1	29.2
IV 14000		10.9	12.4	14.4	16.4	18.3	20.2	22.3	23.4	24.7	26.0	26.3	26.5	27.2	27.2	29.9
IV 12000		11.0	12.7	14.7	16.8	18.6	20.6	22.8	23.8	25.2	26.4	26.8	27.0	27.7	27.7	31.4
IV 10000		11.9	13.6	15.9	18.3	20.2	22.6	24.9	26.0	27.3	28.7	29.0	29.3	29.9	29.9	32.1
IV 9000		12.5	14.4	17.1	19.6	21.5	23.9	26.4	27.4	28.8	30.2	30.5	30.7	31.4	31.4	34.1
IV 8000		14.2	16.2	19.0	21.5	23.5	26.2	28.7	29.7	31.1	32.5	32.9	33.1	33.8	33.8	36.5
IV 7000		15.8	17.8	20.7	23.6	25.5	28.5	31.1	32.1	33.4	34.9	35.3	35.5	36.2	36.2	38.9
IV 6000		16.4	18.7	21.9	24.9	27.0	30.0	32.7	33.7	35.0	36.5	36.8	37.1	37.8	37.8	40.5
IV 5000		17.9	20.3	23.6	26.8	28.8	31.9	34.5	35.5	36.8	38.3	38.7	38.9	39.6	39.6	42.3
IV 4500		19.5	21.9	25.4	28.9	31.2	34.5	37.2	38.2	39.6	41.0	41.4	41.6	42.3	42.3	45.0
IV 4000		20.6	23.2	27.3	31.1	33.3	37.0	39.8	40.8	42.2	43.7	44.0	44.2	44.9	44.9	47.6
IV 3500		22.9	25.9	30.4	34.5	36.7	40.5	43.4	44.4	45.8	47.3	47.6	47.8	48.5	48.5	51.2
IV 3000		24.8	28.2	33.6	38.3	40.7	44.7	47.8	49.0	50.3	51.8	52.2	52.4	53.1	53.1	55.8
IV 2500		28.0	32.4	39.1	44.7	47.5	51.8	55.2	56.3	57.7	59.3	59.6	59.9	60.5	60.5	63.3
IV 2000		31.4	36.2	44.4	50.7	53.7	58.7	63.0	64.2	65.5	67.2	67.6	67.8	68.5	68.5	71.2
IV 1800		31.9	36.8	45.8	52.0	55.1	60.2	65.0	66.2	67.6	69.3	69.6	69.8	70.5	70.5	73.2
IV 1500		33.1	38.7	48.4	55.1	58.3	63.3	68.8	70.1	71.7	73.7	74.0	74.3	74.9	74.9	77.7
IV 1200		34.5	40.5	51.5	59.4	62.7	67.9	74.9	76.3	78.3	80.5	80.8	81.1	81.7	81.7	84.5
IV 1000		35.0	41.4	53.2	61.1	64.5	71.2	77.6	79.4	81.3	83.4	83.8	84.2	84.9	84.9	87.6
IV 900		35.4	41.8	53.6	61.6	65.0	71.9	78.6	80.4	82.7	84.8	85.3	85.7	86.4	86.4	89.1
IV 800		35.7	42.4	54.4	62.6	66.3	73.4	80.0	81.9	84.9	87.0	87.4	87.9	88.5	88.5	91.3
IV 700		35.7	42.5	54.5	62.7	66.4	73.7	80.5	82.7	85.6	88.1	88.7	89.2	89.5	89.5	92.5
IV 600		35.7	42.6	54.8	63.2	66.9	74.1	81.4	83.9	87.3	89.8	90.4	90.9	91.6	91.6	94.3
IV 500		35.7	42.6	54.8	63.4	67.2	74.7	82.1	84.8	88.4	91.0	91.6	92.2	92.9	92.9	95.6
IV 400		35.7	42.6	54.8	63.4	67.2	74.7	82.3	84.9	88.9	91.7	92.4	93.0	93.7	93.7	96.5
IV 300		35.7	42.6	54.8	63.6	67.5	74.9	82.5	85.1	89.2	92.3	93.1	93.8	94.7	94.7	97.8
IV 200		35.7	42.6	54.8	63.6	67.5	74.9	82.5	85.1	89.2	92.3	93.1	93.8	94.9	94.9	98.6
IV 100		35.7	42.6	54.8	63.6	67.5	74.9	82.5	85.1	89.2	92.3	93.3	94.0	95.1	95.1	99.5
IV 0		35.7	42.6	54.8	63.6	67.5	74.9	82.5	85.1	89.2	92.3	93.3	94.0	95.1	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS 882

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF

01-7

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

50-11-1
HOURS EST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		11.0	12.3	14.0	16.0	17.0	20.1	22.6	22.9	24.1	25.1	23.3	25.6	26.1	26.1	26.6
≥ 20000		13.2	14.7	16.3	18.7	19.9	23.4	26.2	26.6	27.8	29.1	29.3	29.6	30.1	30.1	31.7
IV 18000		13.2	14.7	16.3	18.7	19.9	23.4	26.2	26.6	27.8	29.1	29.3	29.6	30.1	30.1	31.7
IV 16000		13.2	14.7	16.3	18.7	19.9	23.4	26.2	26.6	27.8	29.1	29.3	29.6	30.1	30.1	31.7
IV 14000		13.2	14.7	16.3	18.7	19.9	23.4	26.4	26.8	28.0	29.3	29.6	29.8	30.3	30.3	31.7
IV 12000		13.4	15.0	16.8	19.2	20.4	24.0	27.0	27.3	28.6	29.9	30.1	30.3	30.9	30.9	31.7
IV 10000		14.0	15.8	17.8	21.0	22.3	26.3	29.4	29.8	31.0	32.3	32.6	32.8	33.3	33.3	34.2
IV 9000		14.6	16.3	18.4	21.7	23.0	27.2	30.3	30.7	31.9	33.2	33.4	33.7	34.2	34.2	35.1
IV 8000		15.4	17.4	20.0	23.3	24.8	29.3	32.4	32.8	34.0	35.3	35.6	35.8	36.3	36.3	37.2
IV 7000		16.0	18.0	20.6	24.0	25.6	30.2	33.4	33.8	35.0	36.3	36.6	36.8	37.3	37.3	38.2
IV 6000		16.8	19.0	21.8	25.2	26.8	31.4	34.7	35.0	36.2	37.6	37.8	38.0	38.6	38.6	39.4
IV 5000		17.9	20.3	23.1	26.6	28.1	32.8	36.0	36.3	37.6	38.9	39.1	39.3	39.9	39.9	40.8
IV 4500		19.6	22.1	25.2	28.8	30.3	35.0	38.2	38.6	39.8	41.1	41.3	41.6	42.1	42.1	43.0
IV 4000		22.2	24.9	28.4	32.7	34.2	39.0	42.2	42.6	43.8	45.1	45.3	45.6	46.1	46.1	47.7
IV 3500		24.9	27.7	31.4	35.9	37.4	42.2	45.7	46.0	47.2	48.7	48.9	49.1	49.7	49.7	50.6
IV 3000		29.0	33.0	37.6	42.1	43.9	48.9	52.4	52.9	54.2	55.7	55.9	56.1	56.7	56.7	57.6
IV 2500		32.1	37.4	42.6	47.7	49.7	54.8	58.9	59.3	60.7	62.1	62.3	62.6	63.1	63.1	64.0
IV 2000		34.7	40.8	46.4	51.8	54.0	59.8	64.0	64.8	66.3	68.0	68.2	68.4	69.0	69.0	69.9
IV 1800		35.3	41.8	47.8	53.2	55.4	61.7	65.9	66.8	68.3	70.0	70.2	70.4	71.0	71.0	71.9
IV 1500		37.2	44.9	51.2	57.2	59.8	66.6	71.1	72.3	74.0	75.7	75.9	76.1	76.7	76.7	77.6
IV 1200		39.5	47.9	55.1	62.2	64.8	72.3	77.6	78.9	80.8	82.4	82.8	83.0	83.6	83.6	84.4
IV 1000		40.4	49.0	56.7	64.0	66.6	74.4	80.0	81.9	84.0	85.9	86.2	86.6	87.1	87.1	88.0
IV 900		40.6	49.3	57.1	64.7	67.2	75.2	81.3	83.2	85.3	87.2	87.6	87.9	88.4	88.4	89.3
IV 800		40.9	50.0	58.0	65.8	68.7	76.9	83.2	85.2	87.3	89.7	90.2	90.6	91.1	91.1	92.0
IV 700		41.3	50.7	58.9	66.9	69.9	78.1	84.7	86.7	88.8	91.3	92.0	92.4	93.0	93.0	93.9
IV 600		41.3	50.7	59.3	67.4	70.4	79.0	85.3	87.9	90.0	92.9	93.6	94.0	94.6	94.6	95.4
IV 500		41.3	50.9	59.6	67.9	70.9	79.4	86.2	88.4	90.6	94.0	95.1	95.6	96.1	96.1	97.0
IV 400		41.3	51.0	59.7	68.0	71.0	79.6	86.6	89.0	91.2	94.8	96.0	96.4	97.1	97.1	98.0
IV 300		41.3	51.1	59.8	68.1	71.1	79.7	86.7	89.1	91.3	94.9	96.1	96.6	97.3	97.3	98.9
IV 200		41.3	51.1	59.8	68.1	71.1	79.7	86.7	89.1	91.3	95.0	96.2	96.7	97.4	97.4	99.1
IV 100		41.3	51.1	59.8	68.1	71.1	79.7	86.7	89.1	91.3	95.0	96.2	96.7	97.4	97.4	99.9
IV 0		41.3	51.1	59.8	68.1	71.1	79.7	86.7	89.1	91.3	95.0	96.2	96.7	97.4	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

33053 FULDA GERMANY AAF
STATION STATION NAME

01-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12-14
HOURS PER DAY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		17.1	19.1	22.2	22.7	23.4	24.5	25.3	25.5	26.0	26.4	26.5	26.5	26.5	26.5	26.5
≥ 20000		19.9	22.4	26.6	27.6	28.3	29.4	30.2	30.3	30.9	31.2	31.3	31.3	31.3	31.3	31.3
IV 18000		19.9	22.4	26.6	27.6	28.3	29.4	30.2	30.3	30.9	31.2	31.3	31.3	31.3	31.3	31.3
IV 16000		19.9	22.4	26.6	27.6	28.3	29.4	30.2	30.3	30.9	31.2	31.3	31.3	31.3	31.3	31.3
IV 14000		19.9	22.4	26.6	27.6	28.3	29.4	30.2	30.3	30.9	31.2	31.3	31.3	31.3	31.3	31.3
IV 12000		19.9	22.4	26.6	27.6	28.3	29.4	30.2	30.3	30.9	31.2	31.3	31.3	31.3	31.3	31.3
IV 10000		20.7	23.9	28.3	29.4	30.2	31.4	32.2	32.4	33.0	33.4	33.5	33.5	33.5	33.5	33.5
IV 9000		20.9	24.2	29.1	30.3	31.1	32.4	33.3	33.4	34.0	34.4	34.5	34.5	34.5	34.5	34.5
IV 8000		21.5	24.9	30.2	31.7	32.6	33.9	34.8	35.0	35.6	36.0	36.1	36.1	36.1	36.1	36.1
IV 7000		22.3	25.8	31.1	32.6	33.5	34.8	35.7	35.9	36.5	36.9	37.1	37.0	37.0	37.0	37.0
IV 6000		22.7	26.5	31.9	33.4	34.3	35.6	36.5	36.7	37.3	37.7	37.8	37.8	37.8	37.8	37.8
IV 5000		23.6	27.6	33.4	34.8	35.7	37.1	38.0	38.1	38.8	39.1	39.3	39.3	39.3	39.3	39.3
IV 4500		24.3	28.7	34.5	36.0	36.9	38.2	39.3	39.4	40.0	40.4	40.5	40.5	40.5	40.5	40.5
IV 4000		27.5	31.9	38.1	39.6	40.5	42.0	43.0	43.1	43.8	44.1	44.2	44.2	44.2	44.2	44.2
IV 3500		31.4	36.2	42.9	44.3	45.4	46.8	47.9	48.0	48.6	49.0	49.1	49.1	49.1	49.1	49.1
IV 3000		38.2	43.6	50.8	52.6	53.6	55.3	56.3	56.4	57.1	57.5	57.6	57.6	57.6	57.6	57.6
IV 2500		45.0	50.9	59.0	61.2	62.3	64.3	65.3	65.5	66.2	66.5	66.6	66.6	66.6	66.6	66.6
IV 2000		49.8	56.3	65.5	68.2	70.0	72.4	73.6	73.9	74.7	75.0	75.3	75.3	75.3	75.3	75.3
IV 1800		50.8	57.6	67.1	69.9	71.6	74.0	75.2	75.5	76.2	76.6	76.9	76.9	76.9	76.9	76.9
IV 1500		52.9	60.4	70.6	74.1	75.9	79.1	80.4	80.7	81.4	81.8	82.1	82.1	82.1	82.1	82.1
IV 1200		55.4	63.3	74.0	78.5	80.5	84.4	86.8	87.6	88.7	89.0	89.4	89.4	89.4	89.4	89.4
IV 1000		56.6	65.0	76.0	80.8	82.8	87.0	89.7	90.6	91.7	92.1	92.4	92.4	92.4	92.4	92.4
IV 900		57.0	65.6	76.6	81.4	83.5	87.8	90.6	91.5	93.0	93.3	93.7	93.7	93.7	93.7	93.7
IV 800		58.0	66.7	77.7	83.4	85.5	89.8	92.8	93.7	95.1	95.6	95.9	95.9	95.9	95.9	95.9
IV 700		58.3	67.2	78.2	83.8	86.0	90.4	93.4	94.3	96.2	96.6	96.9	96.9	96.9	96.9	96.9
IV 600		58.6	67.3	78.7	84.4	86.5	91.1	94.3	95.2	97.2	97.7	98.1	98.1	98.1	98.1	98.1
IV 500		58.6	67.3	78.8	84.5	86.8	91.5	94.9	95.8	98.0	98.6	99.1	99.2	99.2	99.2	99.2
IV 400		58.6	67.6	79.0	84.7	87.1	91.9	95.2	96.2	98.3	99.1	99.7	99.8	99.8	99.8	99.8
IV 300		58.6	67.6	79.0	84.7	87.1	91.9	95.2	96.2	98.4	99.2	99.8	99.9	100.0	100.0	100.0
IV 200		58.6	67.6	79.0	84.7	87.1	91.9	95.2	96.2	98.4	99.2	99.8	99.9	100.0	100.0	100.0
IV 100		58.6	67.6	79.0	84.7	87.1	91.9	95.2	96.2	98.4	99.2	99.8	99.9	100.0	100.0	100.0
IV 0		58.6	67.6	79.0	84.7	87.1	91.9	95.2	96.2	98.4	99.2	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 884

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053
STATION

FULDA GERMANY AAF
STATION NAME

01-7

YEAR

20
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12-0-170
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING		22.5	24.8	26.5	27.6	28.1	28.5	28.8	28.8	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 20000		28.0	31.0	33.1	34.4	34.9	35.4	35.7	35.7	35.9	35.9	35.9	35.9	35.9	35.9	35.9
IV 18000		28.0	31.0	33.1	34.4	34.9	35.4	35.7	35.7	35.9	35.9	35.9	35.9	35.9	35.9	35.9
IV 16000		28.0	31.0	33.1	34.4	34.9	35.4	35.7	35.7	35.9	35.9	35.9	35.9	35.9	35.9	35.9
IV 14000		28.1	31.1	33.2	34.5	35.0	35.5	35.8	35.8	36.0	36.0	36.0	36.0	36.0	36.0	36.0
IV 12000		28.3	31.3	33.5	34.7	35.2	35.8	36.0	36.0	36.3	36.3	36.3	36.3	36.3	36.3	36.3
IV 10000		29.8	33.3	35.3	37.7	38.1	38.7	38.9	38.9	39.2	39.2	39.2	39.2	39.2	39.2	39.2
IV 9000		31.0	34.5	37.4	38.8	39.3	39.9	40.1	40.1	40.4	40.4	40.4	40.4	40.4	40.4	40.4
IV 8000		32.7	36.6	39.6	41.2	41.6	42.2	42.5	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 7000		34.3	38.4	42.1	43.6	44.2	44.8	45.0	45.0	45.3	45.3	45.3	45.3	45.3	45.3	45.3
IV 6000		34.5	38.8	42.9	44.6	45.1	45.7	46.0	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2
IV 5000		36.1	40.9	45.0	46.7	47.4	48.0	48.4	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7
IV 4500		27.8	42.6	46.7	48.3	49.1	49.7	50.2	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IV 4000		40.9	45.7	49.8	51.5	52.4	53.0	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7
IV 3500		46.0	51.2	55.7	57.4	58.4	59.2	59.6	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IV 3000		50.6	56.6	61.4	63.3	64.2	65.2	65.8	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 2500		55.1	61.8	67.1	69.8	71.0	72.0	72.6	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 2000		59.4	67.6	74.0	77.2	78.5	79.8	80.5	80.9	81.3	81.3	81.4	81.4	81.4	81.4	81.4
IV 1800		60.9	69.2	75.9	79.2	80.7	82.7	83.6	84.2	84.6	84.6	84.7	84.7	84.7	84.7	84.7
IV 1500		63.0	71.9	78.7	82.2	84.1	86.9	88.0	88.5	88.9	88.9	89.0	89.0	89.0	89.0	89.0
IV 1200		64.8	74.0	81.3	85.5	87.4	90.4	91.5	92.5	92.9	93.0	93.1	93.1	93.1	93.1	93.1
IV 1000		65.4	74.9	82.5	86.3	88.7	91.7	92.7	93.8	94.2	94.4	94.6	94.6	94.6	94.6	94.6
IV 900		65.7	75.2	82.9	87.3	89.4	92.5	93.8	95.0	95.3	95.6	95.8	95.8	95.8	95.8	95.8
IV 800		66.2	75.8	83.6	88.3	90.5	93.7	95.2	96.4	96.8	97.1	97.3	97.4	97.4	97.4	97.4
IV 700		66.4	76.1	84.0	88.7	91.0	94.2	95.7	96.8	97.4	97.7	97.9	98.0	98.0	98.0	98.0
IV 600		66.4	76.4	84.4	89.2	91.6	94.7	96.5	97.7	98.2	98.6	98.8	98.9	98.9	98.9	98.9
IV 500		66.4	76.4	84.4	89.2	91.6	94.9	96.7	98.1	98.7	99.1	99.3	99.4	99.4	99.4	99.4
IV 400		66.4	76.4	84.4	89.2	91.6	94.9	96.7	98.1	98.8	99.3	99.5	99.6	99.6	99.6	99.6
IV 300		66.4	76.4	84.4	89.2	91.6	94.9	96.7	98.1	98.8	99.3	99.5	99.6	99.6	99.6	99.6
IV 200		66.4	76.4	84.4	89.2	91.6	94.9	96.7	98.1	98.8	99.3	99.5	99.6	99.6	99.6	99.6
IV 100		66.4	76.4	84.4	89.2	91.6	94.9	96.7	98.1	98.8	99.3	99.5	99.6	99.6	99.6	99.6
IV 0		66.4	76.4	84.4	89.2	91.6	94.9	96.7	98.1	98.8	99.4	99.6	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 155

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 25053 FULDA GERMANY AAF

02-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1/2 V-2/2 V
HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		27.0	29.0	30.3	31.4	31.6	32.0	32.5	32.7	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 20000		30.1	33.1	34.4	36.0	36.2	36.8	37.3	37.5	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 18000		30.1	33.1	34.4	36.0	36.2	36.8	37.3	37.5	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 16000		30.1	33.1	34.4	36.0	36.2	36.8	37.3	37.5	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 14000		30.1	33.1	34.4	36.0	36.2	36.8	37.3	37.5	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 12000		30.5	33.3	34.7	36.4	36.6	37.1	37.7	37.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 10000		31.3	34.2	36.0	37.9	38.1	38.6	39.2	39.3	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 9000		32.0	35.5	37.3	39.2	39.3	39.9	40.4	40.6	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 8000		35.3	39.2	41.0	42.8	43.0	43.6	44.1	44.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 7000		37.1	41.9	43.8	45.6	45.8	46.3	46.9	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 6000		38.2	43.0	44.9	46.7	46.9	47.6	48.2	48.3	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 5000		42.1	47.6	49.6	51.7	51.8	52.5	53.5	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 4500		44.3	50.0	52.0	54.0	54.2	55.3	55.9	56.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 4000		48.2	54.0	56.8	59.0	59.4	60.7	61.2	61.4	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 3500		52.6	59.2	61.9	64.3	64.7	66.5	67.1	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 3000		56.1	62.9	66.0	68.4	68.9	71.1	71.9	72.1	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 2500		58.6	65.8	69.7	72.1	73.3	75.7	76.5	76.7	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 2000		61.6	69.3	75.0	78.3	79.6	82.9	84.4	84.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1800		61.8	69.5	75.2	78.5	79.8	83.2	84.7	84.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1500		64.3	72.2	78.5	81.8	83.1	86.9	88.6	89.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1200		66.4	75.0	81.6	85.1	86.4	90.3	91.9	92.3	94.9	94.9	95.0	95.0	95.0	95.0	95.0
≥ 1000		66.5	75.4	82.2	85.8	87.2	91.2	92.8	93.4	96.0	96.0	96.3	96.3	96.3	96.3	96.3
≥ 900		66.9	75.7	82.5	86.4	87.9	91.7	93.8	94.3	97.2	97.2	97.4	97.6	97.6	97.6	97.6
≥ 800		67.5	76.2	83.6	87.5	89.0	92.0	95.0	95.6	98.5	98.5	98.7	98.9	98.9	98.9	98.9
≥ 700		67.5	76.3	83.6	87.5	89.2	93.4	95.4	96.0	98.9	98.9	99.1	99.3	99.3	99.3	99.3
≥ 600		67.5	76.3	83.6	87.5	89.2	94.1	96.1	96.1	99.6	99.6	99.8	100.0	100.0	100.0	100.0
≥ 500		67.5	76.3	83.6	87.5	89.2	94.1	96.1	96.7	99.6	99.6	99.8	100.0	100.0	100.0	100.0
≥ 400		67.5	76.3	83.6	87.5	89.2	94.1	96.1	96.7	99.6	99.6	99.8	100.0	100.0	100.0	100.0
≥ 300		67.5	76.3	83.6	87.5	89.2	94.1	96.1	96.7	99.6	99.6	99.8	100.0	100.0	100.0	100.0
≥ 200		67.5	76.3	83.6	87.5	89.2	94.1	96.1	96.7	99.6	99.6	99.8	100.0	100.0	100.0	100.0
≥ 100		67.5	76.3	83.6	87.5	89.2	94.1	96.1	96.7	99.6	99.6	99.8	100.0	100.0	100.0	100.0
≥ 0		67.5	76.3	83.6	87.5	89.2	94.1	96.1	96.7	99.6	99.6	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 544

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

33053
STATION

FULDA GERMANY AAF
STATION NAME

03/67
YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FRC HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	5/16	≥0
NO CEILING		34.9	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 20000		36.0	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 18000		36.0	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
IV 16000		36.0	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 14000		36.0	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
IV 12000		37.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 10000		39.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
IV 9000		39.2	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 8000		42.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
IV 7000		46.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 6000		47.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
IV 5000		48.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 4500		50.5	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 4000		54.8	59.1	60.8	60.8	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 3500		62.4	66.7	69.9	69.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 3000		64.5	68.8	72.6	73.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2500		66.5	70.4	76.3	76.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 2000		71.5	78.0	86.0	86.6	87.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800		73.1	79.6	87.6	88.2	89.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 1500		75.2	81.7	90.3	91.4	92.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200		75.2	81.7	90.3	91.4	93.0	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 1000		75.2	81.7	90.3	91.4	93.0	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 900		75.2	81.7	90.3	91.4	93.0	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 800		75.2	81.7	90.3	91.4	93.0	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700		75.2	81.7	90.3	91.4	93.0	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 600		75.2	81.7	90.3	91.4	93.0	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 500		75.2	81.7	90.3	91.4	93.0	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 400		75.2	81.7	90.3	91.4	93.0	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 300		75.2	81.7	90.3	91.4	93.0	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 200		75.2	81.7	90.3	91.4	93.0	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 100		75.2	81.7	90.3	91.4	93.0	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 0		75.2	81.7	90.3	91.4	93.0	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2

TOTAL NUMBER OF OBSERVATIONS 186

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-62,64-65,67
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00-0700
HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000		31.7 34.4	35.5 38.7	38.7 42.5	40.3 45.7	40.3 45.7	41.4 47.3	41.4 47.8	41.4 47.8	41.4 47.8	41.4 47.8	41.4 47.8	41.4 48.4	41.4 48.4	41.4 48.4	41.4 48.4
IV 18000 IV 16000		34.4 34.4	38.7 38.7	42.5 42.5	45.7 45.7	45.7 45.7	47.3 47.3	47.8 47.8	47.8 47.8	47.8 47.8	47.8 47.8	47.8 47.8	48.4 48.4	48.4 48.4	48.4 48.4	48.4 48.4
IV 14000 IV 12000		34.4 34.4	38.7 39.2	42.5 43.0	45.7 46.2	45.7 46.2	47.3 47.8	47.8 48.4	47.8 48.4	47.8 48.4	47.8 48.4	47.8 48.4	48.4 48.9	48.4 48.9	48.4 48.9	48.4 49.5
IV 10000 IV 9000		34.4 35.0	39.2 40.9	43.0 44.6	46.2 47.8	46.2 47.8	47.8 49.5	48.4 50.0	48.4 50.0	48.4 50.0	48.4 50.0	48.4 50.0	48.9 50.5	48.9 50.5	48.9 50.5	49.5 51.1
IV 8000 IV 7000		38.7 40.3	43.5 45.2	47.8 49.5	51.1 52.7	52.2 53.8	53.8 55.4	54.3 55.9	54.3 55.9	54.3 55.9	54.3 55.9	54.3 55.9	54.8 56.5	54.8 56.5	54.8 56.5	55.4 57.0
IV 6000 IV 5000		47.8 51.6	52.7 56.5	57.0 60.8	60.2 64.0	61.3 65.1	62.9 66.7	63.4 67.2	63.4 67.2	63.4 67.2	63.4 67.2	63.4 67.2	64.0 67.7	64.0 67.7	64.0 67.7	64.5 68.3
IV 4500 IV 4000		51.6 54.3	56.5 59.1	60.8 63.4	64.0 66.7	65.1 67.7	66.7 69.4	67.2 69.9	67.2 69.9	67.2 69.9	67.2 69.9	67.2 69.9	67.7 70.4	67.7 70.4	67.7 70.4	68.3 71.0
IV 3500 IV 3000		55.4 58.1	60.8 64.5	63.4 67.2	66.7 70.4	69.4 73.1	71.0 75.8	72.0 75.8	72.0 75.8	72.0 75.8	72.0 75.8	72.0 75.8	72.6 76.3	72.6 76.3	72.6 76.3	73.1 76.9
IV 2500 IV 2000		62.9 68.8	71.0 76.9	75.8 81.7	79.0 84.9	80.1 86.0	81.7 87.6	82.3 88.2	82.3 88.2	82.3 88.2	82.3 88.2	82.3 88.2	82.8 88.7	82.8 88.7	82.8 88.7	83.3 89.2
IV 1800 IV 1500		70.4 71.0	79.0 79.6	83.9 84.4	87.1 88.2	88.2 89.2	89.8 90.9	90.3 91.4	90.3 91.4	90.3 91.4	90.3 91.4	90.3 91.4	90.9 91.9	90.9 91.9	90.9 91.9	91.4 92.5
IV 1200 IV 1000		71.5 71.5	81.2 81.7	86.0 86.6	89.8 90.3	90.9 91.4	92.3 93.0	93.0 93.5	93.0 93.5	93.0 93.5	93.0 93.5	93.0 93.5	93.5 94.1	93.5 94.1	93.5 94.1	94.1 94.6
IV 900 IV 800		71.5 71.5	82.8 83.3	87.6 89.2	91.4 93.5	92.3 94.6	94.1 96.2	94.6 96.8	94.6 96.8	94.6 96.8	94.6 96.8	94.6 96.8	95.2 97.3	95.2 97.3	95.2 97.3	95.7 97.8
IV 700 IV 600		71.5 71.5	83.3 83.3	89.8 89.8	93.5 95.2	96.2 96.2	97.8 97.8	98.4 98.4	98.4 98.4	98.4 98.4	98.4 98.4	98.4 98.4	98.9 98.9	98.9 98.9	98.9 98.9	99.5 99.5
IV 500 IV 400		71.5 71.5	83.3 83.3	89.8 89.8	95.2 95.2	96.2 96.2	97.8 97.8	98.4 98.4	98.4 98.4	98.4 98.4	98.4 98.4	98.4 98.4	98.9 98.9	98.9 98.9	98.9 98.9	99.5 99.5
IV 300 IV 200		71.5 71.5	83.3 83.3	89.8 89.8	95.2 95.2	96.2 96.2	97.8 97.8	98.4 98.4	98.4 98.4	98.4 98.4	98.4 98.4	98.4 98.4	98.9 98.9	98.9 98.9	98.9 98.9	100.0 100.0
IV 100 IV 0		71.5 71.5	83.3 83.3	89.8 89.8	95.2 95.2	96.2 96.2	97.8 97.8	98.4 98.4	98.4 98.4	98.4 98.4	98.4 98.4	98.4 98.4	98.9 98.9	98.9 98.9	98.9 98.9	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 186

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF
STATION STATION NAME

61-65,67-70
YEARS

3 MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

31.0-05.0
HOURS 11.51

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		19.1	20.9	23.9	25.7	26.1	27.0	28.5	26.9	29.8	29.8	29.3	30.4	30.4	30.4	32.2
≥ 20000		23.0	25.0	28.0	30.2	30.9	32.0	33.7	34.1	35.0	35.0	35.2	36.1	36.1	36.1	38.3
IV 18000		23.0	25.0	28.0	30.2	30.9	32.0	33.7	34.1	35.0	35.0	35.2	36.1	36.1	36.1	38.3
IV 16000		23.0	25.0	28.0	30.2	30.9	32.0	33.7	34.1	35.0	35.0	35.2	36.1	36.1	36.1	38.3
IV 14000		23.0	25.0	28.0	30.2	30.9	32.0	33.7	34.1	35.0	35.0	35.2	36.1	36.1	36.1	38.3
IV 12000		23.3	25.2	28.3	30.4	31.1	32.2	33.9	34.3	35.2	35.2	35.4	36.3	36.3	36.3	38.5
IV 10000		24.1	26.1	29.3	31.7	32.4	33.5	35.2	35.7	36.5	36.5	36.7	37.6	37.6	37.6	39.8
IV 9000		24.3	26.3	29.6	32.0	32.6	33.7	35.4	35.9	36.7	36.7	37.0	37.8	37.8	37.8	40.2
IV 8000		26.7	28.7	32.4	34.8	35.4	37.4	39.1	39.8	40.7	40.7	40.9	41.7	41.7	41.7	44.1
IV 7000		30.0	32.0	36.1	38.7	39.3	42.3	43.3	44.1	45.0	45.0	45.2	46.1	46.1	46.1	48.7
IV 6000		32.6	34.6	38.7	41.7	42.6	44.6	46.5	47.4	48.3	48.3	48.5	49.3	49.3	49.3	52.7
IV 5000		35.7	38.0	42.4	45.4	46.5	48.5	50.4	51.3	52.2	52.2	52.4	53.3	53.3	53.3	55.9
IV 4500		36.3	38.9	43.3	46.3	47.4	49.3	51.3	52.2	53.0	53.0	53.3	54.1	54.1	54.1	57.2
IV 4000		39.1	43.5	47.8	50.9	52.0	53.9	56.1	57.2	58.0	58.0	58.3	59.1	59.1	59.1	62.2
IV 3500		40.9	45.7	50.2	53.5	54.6	56.5	58.7	59.8	60.7	60.9	61.1	62.0	62.0	62.0	65.0
IV 3000		43.0	48.3	53.5	56.7	58.3	60.2	62.4	63.5	64.3	64.6	64.8	65.9	65.9	65.9	68.9
IV 2500		44.8	50.7	56.1	60.2	62.0	64.1	66.7	68.3	69.1	69.3	69.6	70.7	70.7	70.7	73.7
IV 2000		50.2	57.4	63.5	67.8	69.8	72.2	74.8	76.7	77.6	77.8	78.0	79.1	79.1	79.1	82.2
IV 1800		50.9	58.3	64.3	68.7	70.7	73.0	75.7	77.6	78.5	78.7	78.9	80.0	80.0	80.0	83.0
IV 1500		51.3	58.9	65.0	69.3	71.3	73.9	76.7	78.7	79.6	79.8	80.0	81.1	81.1	81.1	84.1
IV 1200		52.6	61.3	67.5	73.0	75.0	78.0	80.9	82.8	84.1	84.3	84.6	85.7	85.7	85.7	88.7
IV 1000		53.0	62.2	69.6	74.1	76.3	79.3	82.2	84.3	85.7	85.9	86.1	87.2	87.2	87.2	90.2
IV 900		53.0	62.2	69.6	74.3	76.5	79.6	82.4	84.6	85.9	86.1	86.3	87.4	87.4	87.4	90.4
IV 800		53.3	62.8	70.2	75.7	78.0	81.5	84.3	86.5	87.8	88.0	88.3	89.3	89.3	89.3	92.4
IV 700		53.3	63.0	71.1	76.5	78.9	82.6	85.7	87.8	89.1	89.3	89.6	90.7	90.7	90.7	93.7
IV 600		53.5	63.5	71.3	77.0	79.6	83.3	86.7	89.1	90.7	90.9	91.1	92.2	92.2	92.2	95.2
IV 500		53.7	63.7	72.2	77.6	80.2	84.1	87.6	90.0	91.5	91.7	92.0	93.0	93.0	93.0	96.1
IV 400		53.7	63.7	72.2	77.6	80.2	84.1	87.6	90.0	92.0	92.2	92.4	93.5	93.5	93.5	96.5
IV 300		53.7	63.7	72.2	77.6	80.2	84.3	88.0	90.4	92.6	93.0	93.3	94.3	94.3	94.3	97.6
IV 200		53.7	63.7	72.2	77.6	80.2	84.3	88.0	90.4	92.6	93.0	93.3	94.3	94.3	94.3	98.0
IV 100		53.7	63.7	72.2	77.6	80.2	84.3	88.0	90.4	92.6	93.0	93.5	94.6	94.6	94.6	98.7
IV 0		53.7	63.7	72.2	77.6	80.2	84.3	88.0	90.4	92.6	93.0	93.5	94.6	94.6	94.6	100.0

TOTAL NUMBER OF OBSERVATIONS 450

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

35053
STATION

FULD/ GERMANY AAF
STATION NAME

01-76
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6-30-31
HOURS OF DAY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0.1	≥0
NO CEILING		15.6	16.8	17.9	19.7	20.6	21.4	22.2	22.5	23.3	23.5	23.7	23.8	24.0	24.0	25.1
≥ 20000		19.3	20.7	22.2	24.0	24.9	25.6	26.8	27.2	28.0	28.2	28.5	28.6	28.8	28.8	31.1
IV 18000		19.3	20.7	22.2	24.0	24.9	25.6	26.8	27.2	28.0	28.2	28.5	28.6	28.8	28.8	31.1
IV 16000		19.3	20.7	22.2	24.0	24.9	25.6	26.8	27.2	28.0	28.2	28.5	28.6	28.8	28.8	31.1
IV 14000		19.4	20.8	22.3	24.2	25.0	25.9	26.9	27.3	28.1	28.3	28.6	28.7	28.9	28.9	31.9
IV 12000		19.5	21.0	22.8	24.6	25.4	26.4	27.4	27.8	28.6	28.8	29.0	29.2	29.4	29.4	32.4
IV 10000		20.9	22.8	24.6	26.5	27.4	28.7	29.8	30.2	31.0	31.2	31.5	31.7	32.1	32.1	35.3
IV 9000		22.0	23.9	26.0	28.0	28.9	30.2	31.4	31.8	32.6	32.9	33.1	33.3	33.8	33.8	37.7
IV 8000		23.4	28.0	30.4	33.0	34.0	35.8	37.0	37.5	38.7	38.9	39.1	39.4	39.8	39.8	43.4
IV 7000		28.2	31.2	33.9	36.8	37.9	39.7	41.0	41.5	42.6	42.9	43.1	43.3	43.5	43.6	47.4
IV 6000		29.7	33.0	35.7	38.6	39.6	41.0	42.9	43.3	44.5	44.7	44.9	45.2	45.8	45.8	49.4
IV 5000		30.5	33.9	36.7	39.8	41.0	43.1	44.4	44.9	46.2	46.6	46.9	47.0	47.6	47.6	51.2
IV 4500		31.4	34.8	37.7	41.1	42.4	44.5	45.8	46.5	47.7	48.1	48.3	48.5	49.1	49.1	52.7
IV 4000		32.6	36.6	39.6	43.1	44.4	46.5	48.2	49.2	50.6	51.2	51.6	51.9	52.8	52.8	56.6
IV 3500		33.6	38.0	41.0	44.8	46.1	48.3	50.1	51.2	52.8	53.4	53.8	54.1	55.1	55.1	58.8
IV 3000		35.0	39.6	42.9	46.9	48.2	50.4	52.1	53.4	55.2	56.0	56.3	56.7	57.6	57.6	61.4
IV 2500		38.0	43.2	46.9	51.3	52.6	55.1	57.3	58.7	60.4	61.3	61.9	62.1	63.1	63.1	66.9
IV 2000		40.7	46.6	50.7	56.0	57.4	59.9	62.4	64.1	66.2	67.1	67.7	68.1	69.1	69.1	72.9
IV 1800		41.5	47.5	51.8	56.9	58.3	60.9	63.3	65.0	67.1	68.1	68.6	69.0	70.0	70.0	73.9
IV 1500		43.6	49.6	54.4	59.5	60.9	63.6	66.3	68.4	70.5	71.4	72.0	72.4	73.4	73.4	77.2
IV 1200		45.1	51.9	56.9	62.4	64.2	67.1	70.4	72.5	74.9	75.8	76.4	76.8	77.8	77.8	81.6
IV 1000		46.1	53.1	58.7	64.5	66.7	70.3	73.5	75.7	78.3	79.2	79.8	80.1	81.2	81.2	85.0
IV 900		46.5	53.4	59.1	65.2	67.4	71.0	74.3	76.7	79.4	80.1	80.7	81.1	82.1	82.1	85.9
IV 800		46.8	53.9	59.8	66.4	68.9	73.2	76.8	79.1	81.3	82.7	83.3	83.6	84.7	84.7	88.5
IV 700		46.9	54.2	60.2	66.9	69.7	74.4	78.2	80.6	83.4	84.7	85.2	85.7	86.8	86.8	90.6
IV 600		47.0	54.6	60.7	67.6	70.4	75.3	79.3	82.0	84.8	86.1	86.6	87.1	88.2	88.2	92.0
IV 500		47.0	54.6	60.9	67.7	70.5	75.6	79.7	82.3	85.1	86.4	87.0	87.7	88.7	88.7	92.0
IV 400		47.0	54.6	60.9	67.7	70.5	75.7	79.9	82.7	85.6	87.3	87.9	88.7	89.9	89.9	94.0
IV 300		47.0	54.6	60.9	67.7	70.5	75.7	79.9	82.8	86.3	87.9	88.5	89.3	90.6	90.6	95.2
IV 200		47.0	54.6	60.9	67.7	70.5	75.7	79.9	82.8	86.3	87.9	88.5	89.3	90.6	90.6	96.5
IV 100		47.0	54.6	60.9	67.7	70.5	75.7	79.9	82.8	86.3	87.9	88.5	89.3	90.6	90.6	97.6
IV 0		47.0	54.6	60.9	67.7	70.5	75.7	79.9	82.8	86.3	87.9	88.5	89.3	90.6	90.6	100.0

TOTAL NUMBER OF OBSERVATIONS 861

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-7
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NO. OF
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		15.5	17.4	19.7	20.8	21.5	22.2	22.8	23.1	23.2	23.2	23.3	23.3	23.6	23.6	24.0
≥ 20000		19.2	21.6	24.1	26.2	27.0	27.7	28.2	28.6	28.8	28.8	28.9	29.0	29.4	29.4	29.8
IV 18000		19.2	21.6	24.1	26.2	27.0	27.7	28.2	28.6	28.8	28.8	28.9	29.0	29.4	29.4	29.8
IV 16000		19.2	21.6	24.1	26.2	27.0	27.7	28.2	28.6	28.8	28.8	28.9	29.0	29.4	29.4	29.8
IV 14000		19.2	21.6	24.1	26.2	27.0	27.7	28.2	28.6	28.8	28.8	28.9	29.0	29.4	29.4	29.8
IV 12000		19.2	21.6	24.1	26.2	27.0	27.7	28.2	28.6	28.8	28.8	28.9	29.0	29.4	29.4	29.8
IV 10000		22.2	24.9	27.7	29.7	30.6	31.7	32.2	32.6	32.9	32.9	33.1	33.3	33.6	33.6	34.1
IV 9000		24.4	27.3	30.1	32.2	33.1	34.3	35.1	35.4	35.9	35.9	36.1	36.2	36.6	36.6	37.0
IV 8000		26.7	30.0	33.1	35.6	36.8	38.3	39.0	39.3	39.7	39.7	40.0	40.2	40.7	40.7	41.1
IV 7000		29.6	33.3	36.6	39.3	40.5	42.0	42.7	42.1	43.6	43.6	43.9	44.1	44.5	44.5	45.0
IV 6000		30.1	33.8	37.2	40.3	41.6	43.1	43.8	44.2	44.9	44.9	45.1	45.3	45.8	45.8	46.2
IV 5000		31.2	35.3	38.8	41.9	43.2	44.6	45.4	45.8	46.5	46.5	46.7	46.9	47.4	47.4	47.8
IV 4500		31.5	35.8	39.3	42.5	43.8	45.3	46.1	46.6	47.3	47.3	47.5	47.7	48.2	48.2	48.6
IV 4000		33.5	37.8	41.6	44.8	46.1	47.6	48.6	49.1	50.1	50.2	50.3	50.7	51.1	51.1	51.6
IV 3500		34.5	39.0	43.1	46.4	47.7	49.4	50.2	50.7	51.7	52.1	52.3	52.5	53.0	53.0	53.4
IV 3000		38.2	43.3	47.8	51.6	53.0	54.8	55.7	56.2	57.2	57.6	57.9	58.1	58.7	58.7	59.1
IV 2500		43.4	49.3	54.6	58.5	60.0	62.5	63.7	64.2	65.3	65.8	66.1	66.3	67.0	67.0	67.4
IV 2000		49.1	55.7	61.7	66.2	67.8	70.4	72.0	72.6	73.7	74.3	74.5	74.7	75.4	75.4	75.9
IV 1800		50.7	57.4	63.9	68.5	70.0	72.8	74.4	74.9	76.1	76.7	76.9	77.1	77.8	77.8	78.2
IV 1500		52.7	60.1	67.2	71.9	73.8	77.2	79.0	79.7	80.9	81.4	81.7	81.9	82.6	82.6	83.0
IV 1200		53.2	63.1	70.8	75.9	78.0	81.7	83.3	84.2	85.5	86.1	86.3	86.6	87.2	87.2	87.7
IV 1000		56.5	64.5	72.9	78.4	81.1	85.0	87.1	87.9	89.4	90.0	90.2	90.4	91.1	91.1	91.5
IV 900		56.5	64.5	73.1	78.9	81.7	85.9	88.0	88.8	90.3	90.9	91.1	91.3	92.0	92.0	92.5
IV 800		56.7	64.9	73.6	79.2	82.2	87.4	90.0	90.9	92.3	93.1	93.3	93.5	94.2	94.2	94.6
IV 700		56.9	65.5	74.7	80.8	83.9	88.6	91.5	92.4	94.2	94.8	95.0	95.2	95.9	95.9	96.4
IV 600		57.3	65.8	75.3	81.3	84.6	89.6	92.3	93.3	95.3	95.9	96.2	96.5	97.2	97.2	97.6
IV 500		57.4	66.2	75.7	81.9	85.2	90.2	92.9	94.0	96.0	96.6	96.9	97.0	97.3	97.3	97.8
IV 400		57.4	66.2	75.7	81.9	85.2	90.3	93.1	94.1	96.1	96.7	97.0	97.3	97.9	97.9	98.3
IV 300		57.4	66.2	75.7	81.9	85.2	90.3	93.1	94.1	96.1	96.7	97.0	97.3	98.1	98.1	99.1
IV 200		57.4	66.2	75.7	81.9	85.2	90.3	93.1	94.1	96.1	96.7	97.0	97.3	98.1	98.1	99.1
IV 100		57.4	66.2	75.7	81.9	85.2	90.3	93.1	94.1	96.1	96.7	97.0	97.3	98.1	98.1	99.8
IV 0		57.4	66.2	75.7	81.9	85.2	90.3	93.1	94.1	96.1	96.7	97.0	97.3	98.1	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 878

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF

61-7

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12-0-1401

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING		20.0	21.4	22.9	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
IV 20000		24.1	25.9	27.6	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
IV 18000		24.1	25.9	27.6	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
IV 16000		24.1	25.9	27.6	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
IV 14000		24.1	25.9	27.6	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
IV 12000		24.7	26.6	28.4	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
IV 10000		26.9	28.9	31.0	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
IV 9000		28.0	31.0	33.0	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
IV 8000		31.2	33.5	35.9	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
IV 7000		34.6	37.3	39.7	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
IV 6000		36.1	39.0	41.8	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 5000		37.4	40.3	43.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
IV 4500		38.9	41.9	44.8	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 4000		42.3	46.0	49.0	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
IV 3500		45.6	50.5	53.5	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 3000		51.8	55.8	59.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
IV 2500		63.2	67.9	71.9	73.3	73.4	73.5	73.8	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 2000		67.9	73.9	78.0	79.6	79.7	79.9	80.1	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 1800		70.1	76.1	80.5	82.0	82.2	82.2	82.5	82.5	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 1500		73.3	79.9	84.5	86.7	86.8	86.9	87.1	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 1200		74.1	81.6	86.4	89.5	90.1	90.2	90.8	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 1000		74.6	83.0	89.2	92.8	93.3	93.6	94.1	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 900		74.8	83.2	89.5	93.3	93.7	94.1	94.8	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 800		75.4	84.1	90.6	94.9	95.5	96.1	97.2	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 700		75.4	84.5	91.3	95.7	96.3	96.9	98.2	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600		75.4	84.9	91.7	96.2	96.8	97.4	98.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500		75.4	87.0	91.8	96.3	96.9	97.7	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400		75.4	93.0	91.8	96.3	96.9	97.7	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300		75.4	93.0	91.8	96.3	96.9	97.7	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		75.4	93.0	91.8	96.3	96.9	97.7	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		75.4	93.0	91.8	96.3	96.9	97.7	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		75.4	93.0	91.8	96.3	96.9	97.7	99.1	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 869

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF
STATION STATION NAME

01-72

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		23.0	23.9	24.3	24.5	24.6	24.9	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
≥20000		29.0	30.2	31.3	31.8	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥18000		29.0	30.2	31.3	31.8	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥16000		29.0	30.2	31.3	31.8	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥14000		29.0	31.0	32.0	32.5	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥12000		30.7	31.9	33.0	33.5	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥10000		33.2	34.4	35.5	36.0	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥9000		35.2	36.4	37.5	38.0	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥8000		38.6	40.0	41.3	41.8	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥7000		40.8	42.4	43.8	44.3	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥6000		43.2	44.9	46.5	47.1	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥5000		45.6	47.3	49.2	49.9	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥4500		48.0	49.9	52.0	52.9	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥4000		53.2	55.4	57.7	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥3500		56.8	59.4	61.9	62.9	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥3000		63.9	66.8	69.5	70.7	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥2500		73.7	77.7	81.3	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥2000		77.0	82.1	86.2	87.7	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥1800		78.1	83.2	87.4	88.9	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥1500		79.4	85.0	89.2	91.3	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥1200		80.4	87.1	91.8	94.3	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥1000		81.1	88.6	93.7	96.2	96.7	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥900		81.1	88.6	93.7	96.2	96.8	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥800		81.1	88.7	93.8	96.4	97.0	97.9	98.1	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥700		81.2	89.3	94.5	97.1	97.7	98.7	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥600		81.2	89.3	94.5	97.1	97.7	98.7	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥500		81.2	89.3	94.5	97.1	97.7	98.7	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥400		81.2	89.3	94.5	97.1	97.7	98.7	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥300		81.2	89.3	94.5	97.1	97.7	98.7	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥200		81.2	89.3	94.5	97.1	97.7	98.7	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥100		81.2	89.3	94.5	97.1	97.7	98.7	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥0		81.2	89.3	94.5	97.1	97.7	98.7	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 840

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 STATION FULDA GERMANY AAF

01-7

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-00-200
HOURS 11.57

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		30.2	31.0	31.7	32.4	32.6	32.9	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
≥ 20000		37.9	38.6	40.2	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 18000		37.9	38.6	40.2	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 16000		37.9	38.6	40.2	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 14000		38.1	38.8	40.4	41.1	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 12000		38.6	39.7	41.3	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 10000		43.4	44.3	45.9	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 9000		45.7	46.6	48.2	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 8000		47.9	48.9	50.9	51.6	51.8	52.1	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 7000		50.8	51.8	53.7	54.4	54.6	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 6000		52.1	53.4	55.5	56.4	56.6	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 5000		53.9	55.2	57.3	58.2	58.4	58.9	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 4500		56.4	58.0	60.3	61.2	61.4	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 4000		60.3	62.6	65.3	66.2	66.4	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 3500		65.3	67.8	70.6	71.9	72.1	72.6	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 3000		69.6	72.2	75.4	76.7	76.9	77.6	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2500		77.6	80.8	84.7	86.1	86.3	87.2	87.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2000		79.2	83.6	88.3	90.0	90.2	91.1	91.6	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1800		79.7	84.3	89.0	90.7	90.9	91.8	92.3	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500		79.9	84.7	89.3	91.3	91.5	92.3	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1200		80.6	86.3	91.8	94.3	94.5	95.7	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1000		81.1	87.9	93.4	95.9	96.1	97.3	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900		81.1	87.9	93.4	95.9	96.1	97.3	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800		81.1	87.9	93.4	95.9	96.1	97.3	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700		81.1	87.9	93.4	95.9	96.1	97.3	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600		81.1	87.9	93.4	95.9	96.1	97.3	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500		81.1	87.9	93.4	95.9	96.1	97.3	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400		81.1	87.9	93.4	95.9	96.1	97.3	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300		81.1	87.9	93.4	95.9	96.1	97.3	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 200		81.1	87.9	93.4	95.9	96.1	97.3	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 100		81.1	87.9	93.4	95.9	96.1	97.3	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 0		81.1	87.9	93.4	95.9	96.1	97.3	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 562

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053
STATION

FULDA GERMANY AAF
STATION NAME

65, 67
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING		38.3	40.0	41.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 20000		43.3	45.6	47.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 18000		43.3	45.6	47.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 16000		43.3	45.6	47.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 14000		43.3	45.6	47.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 12000		44.4	46.7	48.3	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 10000		46.7	48.9	50.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 9000		47.2	50.0	51.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 8000		48.3	51.7	53.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 7000		51.1	54.4	56.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 6000		52.8	56.1	57.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 5000		56.7	60.0	61.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 4500		58.9	63.9	65.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 4000		61.7	68.9	70.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 3500		63.3	71.1	72.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 3000		68.9	76.7	78.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 2500		71.1	78.9	80.6	82.8	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2000		74.4	82.8	84.4	86.7	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1800		75.0	83.3	85.0	87.2	88.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1500		75.6	83.9	85.6	87.8	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1200		77.2	85.6	87.8	91.7	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000		81.1	90.6	92.8	96.7	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900		81.1	91.1	93.9	97.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800		81.1	91.1	93.9	97.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700		81.1	91.1	93.9	98.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		81.1	91.1	93.9	98.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		81.1	91.1	93.9	98.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		81.1	91.1	93.9	98.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		81.1	91.1	93.9	98.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		81.1	91.1	93.9	98.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		81.1	91.1	93.9	98.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		81.1	91.1	93.9	98.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 180

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35033 STATION FULDA GERMANY AAF

0165-67

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		48.4	49.8	50.9	50.9	50.9	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥20000		52.0	53.8	54.9	55.6	55.6	56.0	56.3	56.3	56.3	56.7	56.7	56.7	56.7	56.7	56.7
≥18000		52.0	53.8	54.9	55.6	55.6	56.0	56.3	56.3	56.3	56.7	56.7	56.7	56.7	56.7	56.7
≥16000		52.0	53.8	54.9	55.6	55.6	56.0	56.3	56.3	56.3	56.7	56.7	56.7	56.7	56.7	56.7
≥14000		52.7	54.5	55.6	56.3	56.3	56.7	57.0	57.0	57.0	57.4	57.4	57.4	57.4	57.4	57.4
≥12000		54.2	56.0	57.0	57.8	57.8	58.1	58.5	58.5	58.5	58.8	58.8	58.8	58.8	58.8	58.8
≥10000		54.2	57.0	58.1	58.8	58.8	59.2	59.6	59.6	59.6	59.9	59.9	59.9	59.9	59.9	59.9
≥9000		57.0	58.9	61.0	61.7	61.7	62.1	62.5	62.5	62.5	62.8	62.8	62.8	62.8	62.8	62.8
≥8000		61.0	63.9	65.0	65.7	65.7	66.1	66.4	66.4	66.4	66.8	66.8	66.8	66.8	66.8	66.8
≥7000		66.4	69.3	70.4	71.1	71.1	71.5	71.8	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.2
≥6000		72.6	75.5	76.5	77.3	77.3	77.6	78.0	78.0	78.0	78.3	78.3	78.3	78.3	78.3	78.3
≥5000		74.7	77.6	78.7	79.4	79.4	79.8	80.1	80.1	80.1	80.5	80.5	80.5	80.5	80.5	80.5
≥4500		76.9	79.8	80.9	81.6	81.6	81.9	82.3	82.3	82.3	82.7	82.7	82.7	82.7	82.7	82.7
≥4000		79.8	82.7	83.8	84.5	84.5	84.8	85.2	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6
≥3500		82.3	85.6	87.0	87.7	87.7	88.1	88.4	88.4	88.4	88.8	88.8	88.8	88.8	88.8	88.8
≥3000		84.8	88.1	89.5	90.2	90.2	90.6	91.0	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3
≥2500		86.6	89.9	91.3	92.1	92.1	92.4	92.8	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1
≥2000		90.6	93.9	95.3	96.4	96.4	96.8	97.1	97.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5
≥1800		90.6	93.9	95.3	96.4	96.4	96.8	97.1	97.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5
≥1500		91.0	94.9	96.4	97.5	97.5	97.8	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6
≥1200		91.0	95.3	96.8	97.8	97.8	98.2	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9
≥1000		91.0	95.3	96.8	97.8	97.8	98.2	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9
≥900		91.0	95.3	96.8	97.8	97.8	98.2	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9
≥800		91.0	95.3	96.8	97.8	97.8	98.2	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9
≥700		91.0	95.3	96.8	97.8	97.8	98.2	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9
≥600		91.0	95.3	96.8	97.8	97.8	98.2	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9
≥500		91.0	95.3	96.8	97.8	97.8	98.2	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9
≥400		91.0	95.3	96.8	97.8	97.8	98.2	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9
≥300		91.0	95.3	96.8	97.8	97.8	98.2	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9
≥200		91.0	95.3	96.8	97.8	97.8	98.2	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9
≥100		91.0	95.3	96.8	97.8	97.8	98.2	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9
≥0		91.0	95.3	96.8	97.8	97.8	98.2	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 277

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF

01-70

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

300-360
HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING		25.0	27.7	29.2	30.5	30.5	31.4	32.3	32.8	33.6	34.1	34.7	34.7	34.7	34.7	35.2
≥ 20000		29.0	33.4	35.0	36.7	36.7	37.8	38.9	39.4	40.2	40.7	41.7	42.0	42.8	42.8	43.9
≥ 18000		29.0	33.4	35.0	36.7	36.7	37.8	38.9	39.4	40.2	40.7	41.7	42.0	42.8	42.8	43.9
IV 16000		29.2	33.6	35.2	36.9	36.9	38.0	39.1	39.6	40.4	40.9	41.8	42.2	42.9	42.9	44.0
IV 14000		29.2	33.6	35.2	36.9	36.9	38.0	39.1	39.6	40.4	40.9	41.8	42.2	42.9	42.9	44.0
IV 12000		29.9	34.3	36.5	38.3	38.3	39.4	40.6	41.1	41.8	42.4	43.3	43.7	44.6	44.6	45.9
IV 10000		31.7	36.7	39.1	41.1	41.1	42.2	43.3	43.9	44.6	45.1	46.1	46.4	47.3	47.3	48.6
IV 9000		34.7	39.8	42.2	44.4	44.4	45.5	46.6	47.2	47.9	48.4	49.4	49.7	50.6	50.6	52.3
IV 8000		37.0	42.9	45.5	47.9	47.9	49.2	50.3	50.8	51.9	52.5	53.4	53.8	54.7	54.7	56.3
IV 7000		42.2	47.3	50.1	52.5	52.5	53.8	55.0	55.6	56.9	57.6	58.5	58.9	59.8	59.8	61.7
IV 6000		44.4	50.1	53.2	55.6	55.6	56.9	58.2	58.7	60.0	60.9	61.3	62.2	63.1	63.3	65.1
IV 5000		48.1	53.9	57.2	59.6	59.6	61.3	62.6	63.1	64.4	65.3	66.2	66.6	67.5	67.7	69.5
IV 4500		49.9	56.0	59.3	61.7	61.7	63.3	64.6	65.1	66.4	67.3	68.3	68.6	69.5	69.7	71.6
IV 4000		51.2	57.6	61.3	63.7	63.7	65.7	67.0	67.5	68.8	69.9	70.8	71.2	72.1	72.3	74.1
IV 3500		52.3	59.3	62.9	65.5	65.5	67.9	69.2	69.7	71.0	72.1	73.0	73.4	74.3	74.5	76.3
IV 3000		53.9	60.7	63.9	66.4	66.4	69.0	71.4	72.7	73.2	74.5	75.8	76.7	77.1	78.0	80.0
IV 2500		55.8	63.5	68.4	71.4	71.4	74.5	75.8	76.3	77.6	78.9	79.8	80.2	81.1	81.3	83.1
IV 2000		59.4	67.3	72.7	75.8	75.8	79.1	80.4	80.9	82.2	83.5	84.4	84.8	85.7	85.9	87.7
IV 1800		60.4	68.3	73.6	76.7	76.7	80.0	81.3	81.8	83.1	84.8	85.7	86.1	87.0	87.2	89.0
IV 1500		62.0	70.1	75.6	78.9	78.9	82.2	83.7	84.4	85.6	86.6	87.9	88.8	89.2	90.1	92.1
IV 1200		62.6	71.0	76.5	80.0	80.0	83.3	84.8	85.3	86.6	87.6	88.9	89.4	90.3	90.6	92.6
IV 1000		62.8	71.2	76.9	80.4	80.4	83.9	85.3	85.8	87.0	88.0	89.3	90.2	91.2	91.6	93.6
IV 900		62.9	71.4	77.1	80.6	80.6	84.0	85.7	86.4	87.4	88.4	89.7	90.6	91.6	92.5	94.5
IV 800		62.9	71.4	77.1	80.6	80.6	84.0	85.7	86.4	87.4	88.4	89.7	90.6	91.6	92.5	94.5
IV 700		62.9	71.4	77.2	80.7	80.7	84.1	85.8	86.4	87.4	88.4	89.7	90.6	91.6	92.5	94.5
IV 600		62.9	71.4	77.2	80.7	80.7	84.1	85.8	86.4	87.4	88.4	89.7	90.6	91.6	92.5	94.5
IV 500		62.9	71.4	77.2	80.7	80.7	84.1	85.8	86.4	87.4	88.4	89.7	90.6	91.6	92.5	94.5
IV 400		62.9	71.4	77.2	80.7	80.7	84.1	85.8	86.4	87.4	88.4	89.7	90.6	91.6	92.5	94.5
IV 300		62.9	71.4	77.2	80.7	80.7	84.1	85.8	86.4	87.4	88.4	89.7	90.6	91.6	92.5	94.5
IV 200		62.9	71.4	77.2	80.7	80.7	84.1	85.8	86.4	87.4	88.4	89.7	90.6	91.6	92.5	94.5
IV 100		62.9	71.4	77.2	80.7	80.7	84.1	85.8	86.4	87.4	88.4	89.7	90.6	91.6	92.5	94.5
IV 0		62.9	71.4	77.2	80.7	80.7	84.1	85.8	86.4	87.4	88.4	89.7	90.6	91.6	92.5	94.5

TOTAL NUMBER OF OBSERVATIONS 345

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

33093
STATION

FULDA GERMANY AAF
STATION NAME

01-76
YEARS

24
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

60-020
HOURS (151)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		18.8	20.3	21.8	23.0	23.3	25.0	26.4	26.9	27.6	27.9	28.4	28.6	28.8	28.9	29.1
≥ 20000		22.3	24.3	25.2	27.3	27.9	29.9	31.0	31.6	32.3	32.6	33.3	33.5	34.2	34.3	35.1
≥ 18000		22.3	24.3	26.2	27.3	27.9	29.6	31.0	31.6	32.3	32.6	33.3	33.5	34.2	34.3	35.1
≥ 16000		22.3	24.3	26.2	27.3	27.9	29.6	31.0	31.6	32.3	32.6	33.3	33.5	34.2	34.3	35.1
≥ 14000		22.3	24.3	26.2	27.3	27.9	29.6	31.0	31.6	32.3	32.6	33.3	33.5	34.2	34.3	35.1
≥ 12000		22.3	24.3	26.2	27.3	27.9	29.6	31.0	31.6	32.3	32.6	33.3	33.5	34.2	34.3	35.1
≥ 10000		25.0	27.8	29.6	30.8	31.3	35.1	34.4	35.0	35.7	36.1	36.7	37.0	37.8	37.9	38.7
≥ 9000		26.2	28.9	30.9	32.1	32.7	34.4	35.8	36.4	37.1	37.4	38.1	38.3	39.3	39.4	40.2
≥ 8000		29.7	33.2	35.6	37.2	37.9	39.7	41.2	41.8	42.7	43.1	43.9	44.2	45.1	45.2	46.0
≥ 7000		32.6	36.6	39.4	41.2	42.0	43.9	45.4	45.9	46.8	47.3	48.1	48.6	49.5	49.6	50.5
≥ 6000		33.4	38.3	41.6	43.6	44.4	46.4	47.9	48.5	49.4	49.8	50.6	51.1	52.0	52.1	53.0
≥ 5000		36.3	42.1	43.6	47.9	48.8	51.0	52.5	53.0	54.0	54.4	55.2	55.7	56.6	56.7	57.6
≥ 4500		37.4	43.4	46.8	49.1	50.1	52.2	53.7	54.3	55.2	55.7	56.5	56.9	57.9	58.0	58.9
≥ 4000		39.6	46.2	49.9	52.5	53.5	56.3	58.0	58.8	59.7	60.3	61.1	61.5	62.7	62.8	63.7
≥ 3500		41.3	48.2	52.1	54.9	56.0	58.9	60.8	62.0	63.1	63.7	64.5	65.0	66.2	66.4	67.3
≥ 3000		44.4	51.8	56.3	59.6	60.8	63.9	65.9	67.0	68.2	68.8	69.6	70.0	71.3	71.4	72.3
≥ 2500		46.7	54.2	58.9	62.7	64.2	67.5	69.5	70.6	72.0	72.8	73.6	74.1	75.3	75.4	76.3
≥ 2000		50.1	58.2	63.0	66.9	68.5	72.2	74.2	75.3	76.7	77.5	78.3	78.8	80.0	80.1	81.2
≥ 1800		50.9	59.1	63.9	68.0	69.6	73.2	75.2	76.3	77.8	78.6	79.4	79.9	81.2	81.3	82.3
≥ 1500		52.7	61.2	66.6	70.7	72.3	76.1	78.4	79.7	81.4	82.2	83.0	83.5	84.7	85.1	86.1
≥ 1200		53.8	62.3	68.1	72.7	74.3	78.1	80.4	81.7	83.7	84.5	85.3	85.8	87.1	87.5	88.5
≥ 1000		54.1	62.9	68.7	73.3	75.3	79.1	81.4	82.8	84.8	85.6	86.5	86.9	88.3	88.6	89.7
≥ 900		54.3	63.3	69.0	73.8	75.7	79.4	81.9	83.2	85.3	86.1	86.9	87.4	88.7	89.1	90.1
≥ 800		54.3	63.4	69.1	74.2	76.1	80.0	82.9	84.2	86.3	87.1	87.9	88.4	89.9	90.2	91.3
≥ 700		54.3	63.5	69.2	74.4	76.3	80.6	83.5	85.1	87.7	88.5	89.3	89.9	91.4	91.7	92.8
≥ 600		54.3	63.5	69.2	74.5	76.7	81.1	84.0	85.6	88.3	89.3	90.1	90.7	92.2	92.5	93.6
≥ 500		54.3	63.5	69.2	74.5	76.9	81.4	84.7	86.6	89.4	90.6	91.4	92.0	93.5	93.8	95.1
≥ 400		54.3	63.5	69.6	74.9	77.3	81.9	85.2	87.0	90.1	91.3	92.1	92.7	94.4	94.8	96.2
≥ 300		54.3	63.5	69.6	74.9	77.3	81.9	85.2	87.0	90.1	91.3	92.1	92.7	94.4	94.8	96.8
≥ 200		54.3	63.5	69.6	74.9	77.3	81.9	85.2	87.0	90.1	91.3	92.1	92.7	94.6	95.2	98.2
≥ 100		54.3	63.5	69.6	74.9	77.3	81.9	85.2	87.0	90.1	91.3	92.1	92.7	94.6	95.2	98.6
≥ 0		54.3	63.5	69.6	74.9	77.3	81.9	85.2	87.0	90.1	91.3	92.1	92.7	94.6	95.2	100.0

TOTAL NUMBER OF OBSERVATIONS 871

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

33053
STATION

FULDA GERMANY AAF
STATION NAME

01-70
YEARS

LY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

400-110
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		23.9	25.2	27.0	28.2	28.4	28.7	28.9	29.1	29.2	29.2	29.2	29.2	29.2	29.2	29.2
≥ 20000		29.4	31.3	33.4	34.7	35.0	35.4	35.6	35.7	35.8	35.8	35.8	35.8	35.9	35.9	35.9
≥ 18000		29.4	31.3	33.4	34.7	35.0	35.4	35.6	35.7	35.8	35.8	35.8	35.8	35.9	35.9	35.9
≥ 16000		29.4	31.3	33.4	34.7	35.0	35.4	35.6	35.7	35.8	35.8	35.8	35.8	35.9	35.9	35.9
≥ 14000		29.6	31.3	33.7	34.9	35.2	35.6	35.8	35.9	36.0	36.0	36.0	36.1	36.1	36.1	36.1
≥ 12000		30.5	32.4	34.7	35.9	36.3	36.6	36.8	36.9	37.0	37.0	37.0	37.2	37.2	37.2	37.2
≥ 10000		32.2	34.1	36.4	37.6	38.0	38.3	38.5	38.6	38.7	38.7	38.7	38.9	38.9	38.9	38.9
≥ 9000		32.8	34.8	37.2	38.5	38.9	39.3	39.5	39.6	39.8	39.8	39.8	39.9	39.9	39.9	39.9
≥ 8000		35.2	38.2	40.8	42.5	42.8	43.4	43.6	43.7	43.8	43.8	43.8	43.9	43.9	43.9	43.9
≥ 7000		38.0	41.2	44.5	46.2	46.6	47.4	47.7	48.0	48.1	48.1	48.1	48.2	48.2	48.2	48.2
≥ 6000		39.5	43.0	46.4	48.1	48.5	49.3	49.7	49.9	50.0	50.0	50.0	50.1	50.1	50.1	50.1
≥ 5000		41.2	44.7	48.1	49.8	50.2	51.0	51.4	51.6	51.7	51.7	51.7	51.8	51.8	51.8	51.8
≥ 4500		42.7	46.3	49.9	51.7	52.1	53.2	53.5	53.7	53.8	53.8	53.8	53.9	53.9	53.9	53.9
≥ 4000		46.3	50.2	53.9	55.9	56.3	57.3	57.7	57.9	58.0	58.0	58.0	58.1	58.1	58.1	58.1
≥ 3500		48.2	52.5	56.4	58.3	58.8	59.9	60.2	60.5	60.6	60.6	60.6	60.7	60.7	60.7	60.7
≥ 3000		54.6	59.1	63.5	65.7	66.1	67.3	67.7	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68.1
≥ 2500		61.8	66.6	71.2	73.8	74.3	75.7	76.0	76.4	76.5	76.5	76.5	76.6	76.6	76.6	76.6
≥ 2000		66.7	72.3	77.0	79.8	80.6	82.1	82.4	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0
≥ 1800		68.5	74.1	78.9	81.9	82.7	84.1	84.6	84.9	85.0	85.0	85.0	85.1	85.1	85.1	85.1
≥ 1500		70.8	76.8	82.3	85.6	86.4	88.1	88.5	88.9	89.3	89.4	89.4	89.5	89.5	89.5	89.5
≥ 1200		72.1	78.3	84.6	88.2	89.0	90.8	91.6	92.0	92.3	92.6	92.6	92.7	92.7	92.7	92.7
≥ 1000		73.1	79.3	86.1	89.9	90.8	92.7	93.7	94.1	94.6	94.7	94.7	94.8	94.8	94.8	94.8
≥ 900		73.4	80.0	86.6	90.4	91.4	93.5	94.8	95.3	95.7	95.8	95.8	95.9	95.9	95.9	95.9
≥ 800		73.8	80.3	87.0	90.9	91.9	93.9	95.7	96.2	96.6	96.7	96.7	96.8	96.8	96.8	96.8
≥ 700		73.8	80.3	87.0	91.1	92.2	94.3	96.1	96.5	97.1	97.2	97.2	97.3	97.3	97.3	97.3
≥ 600		73.8	80.3	87.2	91.4	92.8	94.8	96.6	97.2	97.7	97.9	97.9	98.1	98.1	98.1	98.1
≥ 500		73.8	80.4	87.6	91.9	93.4	95.4	97.2	98.1	98.8	99.0	99.1	99.3	99.4	99.4	99.4
≥ 400		73.8	80.4	87.6	91.9	93.7	95.7	97.5	98.4	99.1	99.3	99.4	99.7	99.8	99.9	99.9
≥ 300		73.8	80.4	87.6	91.9	93.7	95.7	97.5	98.4	99.1	99.3	99.4	99.7	99.8	99.9	100.0
≥ 200		73.8	80.4	87.6	91.9	93.7	95.7	97.5	98.4	99.1	99.3	99.4	99.7	99.8	99.9	100.0
≥ 100		73.8	80.4	87.6	91.9	93.7	95.7	97.5	98.4	99.1	99.3	99.4	99.7	99.8	99.9	100.0
≥ 0		73.8	80.4	87.6	91.9	93.7	95.7	97.5	98.4	99.1	99.3	99.4	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 888

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF

01-72

YEARS

2Y

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 3/16	≥ 1/8	≥ 0
NO CEILING		24.6	25.3	25.5	25.5	25.5	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 20000		30.8	32.1	32.3	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
IV 18000		31.0	32.2	32.4	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
IV 16000		31.0	32.2	32.4	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
IV 14000		31.2	32.4	32.7	32.7	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
IV 12000		31.6	32.9	33.1	33.1	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
IV 10000		33.3	34.7	34.9	34.9	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
IV 9000		34.0	35.4	35.6	35.6	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
IV 8000		38.0	39.5	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
IV 7000		41.3	43.0	43.4	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
IV 6000		42.5	44.4	44.9	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
IV 5000		43.4	47.5	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
IV 4500		48.1	50.2	50.7	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
IV 4000		53.6	56.0	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IV 3500		60.7	63.3	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 3000		73.1	76.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 2500		80.6	84.9	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 2000		83.2	87.9	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 1800		83.9	88.5	90.2	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 1500		85.3	90.1	92.2	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 1200		86.2	92.0	94.2	94.8	94.8	95.0	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 1000		86.5	92.4	95.2	96.0	96.0	96.3	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 900		86.5	92.6	95.5	96.4	96.4	96.6	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 800		86.6	93.1	96.1	97.2	97.3	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 700		86.8	93.4	96.7	98.0	98.0	98.3	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600		87.2	93.8	97.1	98.3	98.4	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500		87.2	93.8	97.1	98.3	98.4	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400		87.2	93.8	97.2	98.4	98.5	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300		87.2	93.8	97.2	98.4	98.5	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		87.2	93.8	97.2	98.4	98.5	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		87.2	93.8	97.2	98.4	98.5	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		87.2	93.8	97.2	98.4	98.5	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 882

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 STATION FULDA GERMANY AAF STATION NAME

61-7 YEAR

44 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1700 HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000		26.6 34.7	26.8 36.2	26.9 36.3	26.9 36.3	26.9 36.3	26.9 36.3	26.9 36.3	26.9 36.3	26.9 36.3	26.9 36.3	26.9 36.3	26.9 36.3	26.9 36.3	26.9 36.3	26.9 36.3
IV 18000 IV 16000		36.3 35.8	36.3 36.3	36.4 36.4	36.4 36.4	36.4 36.4	36.4 36.4	36.4 36.4	36.4 36.4	36.4 36.4	36.4 36.4	36.4 36.4	36.4 36.4	36.4 36.4	36.4 36.4	36.4 36.4
IV 14000 IV 12000		36.9 38.1	37.4 38.5	37.5 38.6	37.5 38.6	37.5 38.6	37.5 38.6	37.5 38.6	37.5 38.6	37.5 38.6	37.5 38.6	37.5 38.6	37.5 38.6	37.5 38.6	37.5 38.6	37.5 38.6
IV 10000 IV 9000		40.0 41.8	40.6 42.5	40.7 42.6	40.7 42.6	40.7 42.6	40.7 42.6	40.7 42.6	40.7 42.6	40.7 42.6	40.7 42.6	40.7 42.6	40.7 42.6	40.7 42.6	40.7 42.6	40.7 42.6
IV 8000 IV 7000		47.4 53.9	48.4 55.0	48.7 55.5	48.7 55.5	48.7 55.5	48.7 55.5	48.7 55.5	48.7 55.5	48.7 55.5	48.7 55.5	48.7 55.5	48.7 55.5	48.7 55.5	48.7 55.5	48.7 55.5
IV 6000 IV 5000		56.4 59.1	57.6 60.3	58.1 60.8	58.1 60.8	58.1 60.8	58.1 60.8	58.1 60.8	58.1 60.8	58.1 60.8	58.1 60.8	58.1 60.8	58.1 60.8	58.1 60.8	58.1 60.8	58.1 60.8
IV 4500 IV 4000		62.3 67.7	63.5 68.9	63.9 69.4	63.9 69.7	63.9 69.7	63.9 69.7	63.9 69.7	63.9 69.7	63.9 69.7	63.9 69.7	63.9 69.7	63.9 69.7	63.9 69.7	63.9 69.7	63.9 69.7
IV 3500 IV 3000		73.8 83.1	74.9 84.4	75.6 85.2	76.0 85.7	76.0 85.7	76.0 85.7	76.0 85.7	76.0 85.7	76.0 85.7	76.0 85.7	76.0 85.7	76.0 85.7	76.0 85.7	76.0 85.7	76.0 85.7
IV 2500 IV 2000		88.1 90.6	90.2 92.9	91.2 94.3	91.7 94.7	91.7 94.7	91.7 95.0	91.7 95.0	91.7 95.0	91.7 95.0	91.7 95.0	91.7 95.0	91.7 95.0	91.7 95.0	91.7 95.0	91.7 95.0
IV 1800 IV 1500		91.1 92.5	93.3 94.7	94.7 96.1	95.2 96.6	95.2 96.6	95.4 97.0	95.4 97.0	95.4 97.0	95.4 97.0	95.4 97.0	95.4 97.0	95.4 97.0	95.4 97.0	95.4 97.0	95.4 97.0
IV 1200 IV 1000		93.2 92.3	95.6 95.8	97.0 97.2	97.4 97.9	97.4 98.0	97.8 98.4	97.8 98.4	97.8 98.5	97.8 98.5	97.8 98.5	97.8 98.5	97.8 98.5	97.8 98.5	97.8 98.5	97.8 98.5
IV 900 IV 800		93.3 93.4	95.8 96.0	97.2 97.7	98.0 98.8	98.1 98.9	98.3 99.3	98.3 99.3	98.6 99.4	98.6 99.4	98.6 99.4	98.6 99.4	98.6 99.4	98.6 99.4	98.6 99.4	98.6 99.4
IV 700 IV 600		93.6 93.6	96.1 96.1	97.8 97.8	98.9 98.9	99.1 99.1	99.4 99.6	99.3 99.8	99.6 99.9	99.6 99.9	99.6 99.9	99.6 99.9	99.6 99.9	99.6 99.9	99.6 99.9	99.6 99.9
IV 500 IV 400		93.6 93.6	96.1 96.1	97.8 97.8	98.9 98.9	99.1 99.1	99.6 99.6	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 300 IV 200		93.6 93.6	96.1 96.1	97.8 97.8	98.9 98.9	99.1 99.1	99.6 99.6	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 100 IV 0		93.6 93.6	96.1 96.1	97.8 97.8	98.9 98.9	99.1 99.1	99.6 99.6	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 854

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF

61-75

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15 JUL 75

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING		36.5	36.7	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 20000		47.3	47.5	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
IV 18000		47.6	47.8	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
IV 16000		47.6	47.8	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
IV 14000		48.6	48.7	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 12000		51.4	51.6	52.2	52.2	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
IV 10000		55.6	55.8	56.6	56.7	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 9000		57.7	57.8	58.6	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IV 8000		65.5	66.5	67.2	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 7000		71.9	73.7	74.6	74.8	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 6000		74.8	76.6	77.6	77.7	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 5000		76.3	78.2	79.2	79.3	79.3	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 4500		80.1	82.3	83.2	83.4	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 4000		82.0	84.3	85.4	85.6	85.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 3500		84.3	86.7	87.6	87.9	87.9	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 3000		89.2	91.5	92.6	92.8	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 2500		91.2	93.7	95.1	95.3	95.3	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2
IV 2000		92.5	95.3	96.7	96.9	96.9	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1800		92.6	95.5	96.9	97.0	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
IV 1500		93.1	96.1	97.5	97.6	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.9
IV 1200		93.4	96.4	97.8	98.0	98.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4
IV 1000		93.4	96.4	97.8	98.0	98.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4
IV 900		93.4	96.4	97.8	98.0	98.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4
IV 800		93.4	96.4	97.8	98.0	98.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4
IV 700		93.4	96.4	97.8	98.0	98.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4
IV 600		93.4	96.4	97.8	98.0	98.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4
IV 500		93.4	96.4	97.8	98.0	98.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4
IV 400		93.4	96.4	97.8	98.0	98.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4
IV 300		93.4	96.4	97.8	98.0	98.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4
IV 200		93.4	96.4	97.8	98.0	98.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4
IV 100		93.4	96.4	97.8	98.0	98.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4
IV 0		93.4	96.4	97.8	98.0	98.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4

TOTAL NUMBER OF OBSERVATIONS 638

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

39053 FULDA GERMANY AAF

61-63,65-67

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21-23

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/5	≥1/10	≥0
NO CEILING		45.6	48.3	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 20000		51.7	54.7	53.4	55.4	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 18000		51.7	54.7	55.4	55.4	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 16000		51.7	54.7	55.4	55.4	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 14000		51.7	54.7	55.4	55.4	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 12000		53.0	56.0	56.7	56.7	57.0	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 10000		54.7	57.7	58.4	58.4	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 9000		56.4	59.4	60.1	60.1	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 8000		62.8	65.8	66.4	66.4	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 7000		68.1	71.5	72.1	72.1	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 6000		72.1	75.5	76.2	76.2	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 5000		74.2	77.9	78.5	78.5	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4500		75.8	79.9	80.3	80.3	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4000		80.2	84.6	85.6	85.6	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3500		83.9	88.2	90.3	90.6	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3000		86.6	91.3	92.3	92.6	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2500		89.6	94.3	96.3	96.6	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000		89.6	94.3	96.6	97.0	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800		90.3	95.3	97.7	98.0	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500		90.6	95.6	98.0	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200		91.3	96.3	98.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000		91.6	96.6	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		91.6	96.6	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		91.6	96.6	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		91.6	96.6	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		91.6	96.6	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		91.6	96.6	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		91.6	96.6	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		91.6	96.6	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		91.6	96.6	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		91.6	96.6	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		91.6	96.6	99.0	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 298

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

39053
STATION

FULD, GERMANY AAF
STATION NAME

65-67
YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	40.5 48.2	45.0 55.4	47.3 58.6	50.0 61.7	50.0 61.7	50.0 61.7	50.0 61.7	50.0 61.7	50.0 61.7	50.0 62.2	50.5 62.2	50.5 62.2	50.5 62.2	50.5 62.2	50.5 62.2	50.5 62.2
IV 18000	48.2	55.4	58.6	61.7	61.7	61.7	61.7	61.7	61.7	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 16000	48.2	55.4	58.6	61.7	61.7	61.7	61.7	61.7	61.7	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 14000	48.2	55.4	58.6	61.7	61.7	61.7	61.7	61.7	61.7	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 12000	48.6	55.9	59.0	62.2	62.2	62.2	62.2	62.2	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 10000	50.0	57.2	60.4	63.5	63.5	63.5	63.5	63.5	63.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 9000	51.4	58.6	61.7	64.9	64.9	64.9	64.9	64.9	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 8000	57.2	66.2	69.4	72.5	72.5	72.5	72.5	72.5	72.5	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 7000	60.8	70.7	73.9	77.0	77.0	77.0	77.0	77.0	77.0	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 6000	61.3	71.2	74.3	77.5	77.5	77.5	77.5	77.5	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 5000	63.1	73.0	76.6	80.2	80.2	80.6	80.6	80.6	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 4500	64.4	74.3	77.9	81.5	81.5	82.0	82.0	82.0	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 4000	66.2	77.0	80.6	84.7	84.7	85.1	85.1	85.1	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 3500	67.1	79.7	83.3	87.8	87.8	88.3	88.3	88.3	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 3000	68.0	81.1	84.7	89.2	89.2	89.6	89.6	89.6	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 2500	69.4	82.4	86.0	90.5	90.5	91.0	91.0	91.0	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 2000	69.4	82.9	86.9	92.3	92.3	92.8	92.8	92.8	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 1800	69.4	83.3	87.4	92.8	92.8	93.4	93.4	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 1500	69.4	83.8	87.8	93.2	93.2	93.7	93.7	93.7	93.7	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 1200	69.4	83.8	88.7	94.1	94.1	94.6	94.6	94.6	94.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 1000	70.3	84.7	90.1	95.5	95.5	95.9	95.9	95.9	95.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 900	70.3	84.7	90.1	95.5	95.5	95.9	95.9	95.9	95.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 800	70.3	84.7	90.1	95.5	95.5	95.9	95.9	95.9	95.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 700	70.3	84.7	90.1	95.5	95.5	95.9	95.9	95.9	95.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 600	70.3	84.7	90.1	95.5	95.5	95.9	95.9	95.9	95.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 500	70.3	84.7	90.1	95.5	95.5	95.9	95.9	95.9	95.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 400	70.3	84.7	90.1	95.5	95.5	95.9	95.9	95.9	95.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 300	70.3	84.7	90.1	95.5	95.5	95.9	95.9	95.9	95.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 200	70.3	84.7	90.1	95.5	95.5	95.9	95.9	95.9	95.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 100	70.3	84.7	90.1	95.5	95.5	95.9	95.9	95.9	95.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 0	70.3	84.7	90.1	95.5	95.5	95.9	95.9	95.9	95.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS 222

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF
STATION STATION NAME

01-79

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

200-050
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		26.8	29.0	32.2	36.6	37.6	39.0	39.4	39.8	40.8	41.6	42.0	42.0	42.6	42.6	64.6
IV 20000		29.0	32.4	36.2	41.4	42.4	43.8	44.2	44.6	45.6	46.6	47.0	47.0	47.8	47.8	50.0
IV 18000		29.0	32.4	36.2	41.4	42.4	43.8	44.2	44.6	45.6	46.6	47.0	47.0	47.8	47.8	50.0
IV 16000		29.0	32.4	36.2	41.4	42.4	43.8	44.2	44.6	45.6	46.6	47.0	47.0	47.8	47.8	50.0
IV 14000		29.0	32.4	36.2	41.4	42.4	43.8	44.2	44.6	45.6	46.6	47.0	47.0	47.8	47.8	50.0
IV 12000		29.0	32.4	36.2	41.4	42.4	43.8	44.2	44.6	45.6	46.6	47.0	47.0	47.8	47.8	50.0
IV 10000		31.2	35.2	39.2	44.6	46.0	47.6	48.0	48.6	49.6	50.6	51.0	51.0	51.8	51.8	54.0
IV 9000		31.4	35.8	39.8	45.4	46.8	48.2	48.6	49.0	50.2	51.2	51.6	51.6	52.4	52.4	54.4
IV 8000		34.2	39.0	43.2	48.6	50.0	52.2	52.6	53.2	54.4	55.4	55.8	55.8	56.6	56.6	59.0
IV 7000		34.4	41.4	46.2	52.2	53.6	56.0	56.6	57.2	58.4	59.4	59.8	59.8	60.6	60.6	63.0
IV 6000		38.4	43.4	48.2	54.2	55.6	58.0	58.6	59.2	61.2	62.2	62.6	62.6	63.4	63.4	65.8
IV 5000		39.4	44.4	49.2	55.2	56.6	59.2	60.2	61.0	63.2	64.2	64.6	64.6	65.4	65.4	67.8
IV 4500		40.0	45.0	49.8	56.0	57.4	60.0	61.0	61.8	64.0	65.0	65.4	65.4	66.4	66.4	68.8
IV 4000		42.6	47.6	52.4	58.8	60.2	62.6	64.2	65.0	67.2	68.2	68.6	68.6	69.6	69.6	72.2
IV 3500		43.2	48.6	53.8	60.6	62.0	64.6	66.0	66.8	69.0	70.0	70.4	70.4	71.4	71.4	74.0
IV 3000		43.2	50.8	56.6	63.4	65.0	67.6	69.2	70.0	72.2	73.2	73.6	73.6	74.6	74.6	77.2
IV 2500		47.2	53.2	59.4	66.6	68.6	71.2	72.8	73.6	75.8	76.8	77.2	77.2	78.2	78.2	80.8
IV 2000		49.8	56.0	62.6	70.0	72.0	74.6	76.2	77.0	79.4	80.4	80.8	81.0	81.8	81.8	84.4
IV 1800		50.0	56.4	63.0	70.4	72.4	75.2	76.8	77.6	80.0	81.0	81.4	81.6	82.4	82.4	85.0
IV 1500		51.4	58.6	65.4	73.0	75.2	78.2	79.8	80.6	83.2	84.2	84.6	84.8	85.6	85.6	88.2
IV 1200		52.0	59.4	66.2	73.8	76.0	79.0	80.6	81.8	84.6	85.6	86.0	86.2	87.0	87.0	89.6
IV 1000		52.6	60.4	67.2	74.8	77.0	80.0	81.6	82.8	85.6	86.6	87.0	87.2	88.2	88.2	90.8
IV 900		51.6	60.4	67.2	74.8	77.0	80.2	82.0	83.2	86.0	87.2	87.6	87.8	88.8	88.8	91.4
IV 800		52.6	60.4	67.8	75.6	77.8	81.0	82.8	84.0	86.8	88.0	88.4	88.6	89.6	89.6	92.2
IV 700		52.6	60.6	68.2	76.4	78.6	81.8	83.6	84.8	87.6	88.8	89.2	89.4	90.4	90.4	93.0
IV 600		52.6	60.6	68.2	76.4	78.6	81.8	83.6	85.2	88.0	89.2	89.6	89.8	91.0	91.0	93.6
IV 500		52.6	60.6	68.2	76.4	78.6	81.8	84.0	85.4	88.2	89.4	89.8	90.0	91.2	91.2	94.0
IV 400		52.6	60.6	68.4	76.8	79.0	82.4	84.8	86.8	89.8	91.0	91.4	91.6	92.8	92.8	95.6
IV 300		52.6	60.6	68.4	76.8	79.0	82.4	84.8	86.8	89.8	91.0	91.6	91.8	93.0	93.0	96.0
IV 200		52.6	60.6	68.4	76.8	79.0	82.4	84.8	86.8	89.8	91.0	91.6	91.8	93.0	93.0	97.8
IV 100		52.6	60.6	68.4	76.8	79.0	82.4	84.8	86.8	89.8	91.0	91.6	91.8	93.0	93.0	99.0
IV 0		52.6	60.6	68.4	76.8	79.0	82.4	84.8	86.8	89.8	91.0	91.6	91.8	93.0	93.0	100.0

TOTAL NUMBER OF OBSERVATIONS 500

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-70
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

760-0500
HOURS (ZST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING		24.6	27.2	31.9	34.4	36.6	38.7	39.4	39.8	40.2	40.5	40.8	41.2	41.6	41.6	42.5
≥ 20000		26.8	29.9	34.9	37.8	40.0	42.1	42.9	43.4	43.7	44.3	44.5	45.0	45.6	45.6	47.0
≥ 18000		26.8	29.9	34.9	37.8	40.0	42.1	42.9	43.4	43.7	44.3	44.5	45.0	45.6	45.6	47.0
≥ 16000		26.9	30.0	35.0	37.9	40.1	42.3	43.1	43.5	43.9	44.4	44.7	45.1	45.7	45.7	47.1
≥ 14000		26.9	30.0	35.0	37.9	40.1	42.3	43.1	43.5	43.9	44.4	44.7	45.1	45.7	45.7	47.1
≥ 12000		27.2	30.4	35.5	38.3	40.5	42.7	43.5	44.0	44.3	44.9	45.1	45.6	46.2	46.2	47.5
IV 10000		29.2	32.3	37.5	40.8	43.1	45.5	46.4	46.8	47.4	48.0	48.2	48.7	49.3	49.3	50.6
IV 7000		30.8	34.1	39.4	42.7	45.0	47.4	48.3	48.8	49.4	49.9	50.2	50.6	51.2	51.2	52.6
IV 8000		32.4	36.2	41.4	45.0	47.3	50.5	51.5	52.1	52.8	53.6	53.8	54.4	55.0	55.0	56.4
IV 7000		35.4	39.5	45.1	49.0	51.4	55.0	56.4	57.2	58.0	58.9	59.1	59.7	60.3	60.3	61.8
IV 6000		36.4	40.8	46.4	50.4	52.8	56.8	58.3	59.1	60.0	61.0	61.2	61.8	62.3	62.3	63.8
IV 5000		38.2	43.1	48.7	52.9	55.3	59.5	61.0	61.8	62.7	63.6	63.8	64.4	65.0	65.0	66.5
IV 4500		39.0	44.1	49.7	54.0	56.4	60.5	62.1	62.9	63.8	64.8	65.0	65.6	66.1	66.1	67.6
IV 4000		41.4	46.8	52.7	56.9	59.4	63.5	65.1	65.9	66.8	67.7	68.2	68.5	69.1	69.1	70.6
IV 3500		43.3	48.7	54.5	58.9	61.4	65.5	67.2	68.0	68.9	69.8	70.0	70.6	71.2	71.2	72.7
IV 3000		45.1	50.7	57.1	61.7	64.2	68.3	69.9	70.7	71.6	72.6	72.8	73.4	73.9	73.9	75.4
IV 2500		48.1	54.0	61.0	65.7	68.2	72.3	73.9	74.9	75.8	76.7	76.9	77.3	78.2	78.2	79.7
IV 2000		50.4	57.4	64.2	69.0	71.5	75.7	77.4	78.3	79.2	80.1	80.3	81.1	81.9	81.9	83.4
IV 1800		50.5	57.5	64.3	69.1	71.6	75.8	77.5	78.4	79.3	80.3	80.6	81.2	82.0	82.0	83.5
IV 1500		51.8	59.2	66.4	71.2	73.7	78.1	80.3	81.2	82.1	83.0	83.4	83.9	84.7	84.7	86.2
IV 1200		53.5	61.4	68.8	74.1	76.6	80.9	83.2	84.3	85.2	86.1	86.5	87.0	87.8	87.8	89.3
IV 1000		54.2	62.2	69.8	75.2	77.7	82.2	84.0	85.6	86.9	87.8	88.2	88.4	89.3	89.3	90.8
IV 900		54.3	62.3	69.9	75.3	77.8	82.3	84.1	85.7	87.0	87.9	88.3	88.5	89.4	89.4	90.9
IV 800		54.3	62.3	70.3	75.3	78.3	82.3	84.3	86.3	87.3	88.3	88.3	89.1	90.1	90.1	91.6
IV 700		54.3	62.3	70.1	75.1	78.1	82.1	84.1	86.1	87.1	88.1	88.1	89.1	90.2	91.3	92.8
IV 600		54.3	62.3	70.4	76.3	79.1	83.1	85.1	87.1	88.1	89.1	89.1	90.1	91.7	91.7	93.2
IV 500		54.3	62.3	70.5	76.5	79.2	83.2	85.2	87.2	88.2	89.2	89.2	90.2	91.2	92.1	94.8
IV 400		54.3	62.3	70.7	77.2	79.9	83.2	85.5	87.8	88.5	89.5	89.5	90.5	92.4	92.4	94.6
IV 300		54.3	62.3	70.7	77.2	79.9	83.2	85.5	87.8	88.5	89.5	89.5	90.5	92.4	92.4	94.6
IV 200		54.3	62.3	70.7	77.2	79.9	83.2	85.5	87.8	88.5	89.5	89.5	90.5	92.4	92.4	94.6
IV 100		54.3	62.3	70.7	77.2	79.9	83.2	85.5	87.8	88.5	89.5	89.5	90.5	92.4	92.4	94.6
IV 0		54.3	62.3	70.7	77.2	79.9	83.2	85.5	87.8	88.5	89.5	89.5	90.5	92.4	92.4	94.6

TOTAL NUMBER OF OBSERVATIONS. 871

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053

FULDA GERMANY AAF

01-71

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

9:00-11:00
HOURS (GMT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING ≥ 20000		35.8 38.7	37.8 40.9	40.3 43.6	41.0 44.3	41.3 44.6	41.4 44.7	41.4 44.7	41.4 44.7	41.4 44.7	41.4 44.7	41.4 44.7	41.4 44.7	41.4 44.7	41.4 44.7	41.4 44.7
≥ 18000		38.7	40.9	43.6	44.3	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
IV 16000		38.7	40.9	43.6	44.3	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
IV 14000		39.0	41.1	43.8	44.5	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
IV 12000		39.8	42.0	44.7	45.4	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 10000		43.4	45.7	48.6	49.4	49.9	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 9000		44.9	47.6	50.6	51.6	52.0	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
IV 8000		47.7	51.4	54.7	56.2	56.6	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 7000		50.7	54.6	58.1	59.9	60.4	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
IV 6000		51.1	55.2	58.7	60.5	61.0	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 5000		52.6	56.8	60.4	62.2	62.7	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 4500		53.4	57.7	61.3	63.1	63.6	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 4000		55.4	59.8	63.4	65.2	65.8	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 3500		57.0	61.5	65.1	67.0	67.6	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 3000		62.0	67.3	71.6	73.5	74.1	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 2500		68.7	73.3	78.0	80.0	80.5	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 2000		73.5	78.7	83.9	85.3	86.4	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 1800		74.1	79.4	84.7	86.6	87.2	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 1500		75.9	81.3	87.2	89.2	89.8	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 1200		77.7	83.4	89.4	91.4	92.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1000		78.2	84.0	90.1	92.2	93.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 900		78.3	84.2	90.4	92.5	93.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 800		78.5	84.6	91.0	93.3	94.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 700		78.9	85.2	91.8	94.4	95.5	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 600		78.9	85.2	92.0	94.7	95.9	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 500		79.2	85.5	92.2	95.0	96.6	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 400		79.3	85.7	92.5	95.3	96.8	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 300		79.3	85.7	92.5	95.3	97.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 200		79.3	85.7	92.5	95.3	97.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 100		79.3	85.7	92.5	95.3	97.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 0		79.3	85.7	92.5	95.3	97.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

888

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-7
YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS UTC

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000		31.4	31.8	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
≥ 18000		38.2	38.8	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
IV 16000		38.2	38.8	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
IV 14000		38.3	38.9	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
IV 12000		38.8	39.3	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
IV 10000		42.3	43.4	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
IV 9000		43.3	44.2	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
IV 8000		47.4	48.3	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 7000		49.4	50.6	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
IV 6000		50.6	51.7	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV 5000		52.0	53.2	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
IV 4500		54.7	56.0	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IV 4000		59.8	61.3	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 3500		65.6	67.5	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 3000		77.4	79.4	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 2500		83.4	86.6	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 2000		87.3	90.5	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 1800		87.7	91.4	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 1500		88.9	92.7	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 1200		90.2	94.8	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1000		90.6	95.2	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 900		90.8	95.6	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 800		90.8	96.0	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 700		90.8	96.1	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600		90.8	96.1	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500		90.8	96.1	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400		90.8	96.4	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300		90.8	96.5	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200		90.8	96.5	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100		90.8	96.5	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0		90.8	96.5	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 880

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-7)
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15^0-17^v
HOURS IT ST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		30.6	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 20000		39.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
IV 18000		39.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
IV 16000		39.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
IV 14000		39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
IV 12000		40.6	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
IV 10000		45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 9000		47.2	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
IV 8000		50.9	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
IV 7000		56.3	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 6000		58.0	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
IV 5000		61.2	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 4500		64.2	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 4000		72.7	73.6	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 3500		78.2	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 3000		85.5	86.9	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 2500		90.3	92.1	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 2000		92.2	94.2	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 1800		92.9	94.9	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1500		93.6	95.8	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1200		94.5	96.6	97.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 1000		94.7	96.8	97.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900		94.8	96.9	98.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800		95.1	97.3	98.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700		95.1	97.3	98.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600		95.1	97.3	98.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500		95.1	97.3	98.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400		95.1	97.3	98.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300		95.1	97.4	98.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		95.1	97.4	98.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		95.1	97.4	98.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		95.1	97.4	98.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 849

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 STATION FULDA GERMANY AAF STATION NAME

61-70 YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		39.1	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 20000		47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 18000		47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 16000		47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 14000		47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 12000		48.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 10000		53.9	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 9000		57.2	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 8000		62.7	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 7000		70.2	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 6000		72.7	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 5000		75.2	76.5	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4500		77.2	78.5	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4000		79.7	81.0	81.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3500		83.2	84.5	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3000		87.2	89.2	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2500		88.3	91.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000		90.3	93.0	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1800		90.8	93.5	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1500		91.5	94.7	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200		92.8	95.8	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000		92.8	96.2	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900		92.8	96.2	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800		92.8	96.2	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700		92.8	96.3	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600		92.8	96.3	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500		92.8	96.3	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400		92.8	96.3	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300		92.8	96.3	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 200		92.8	96.3	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 100		92.8	96.3	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 0		92.8	96.3	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 601

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF

02,64-67

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		50.9	52.7	53.1	53.0	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 20000		57.6	60.3	60.7	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 18000		57.6	60.3	60.7	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 16000		57.6	60.3	60.7	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 14000		57.6	60.3	60.7	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 12000		57.6	60.3	60.7	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 10000		59.8	62.5	62.9	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 9000		61.2	63.8	64.3	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IV 8000		67.0	70.1	70.5	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 7000		71.4	75.0	75.4	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 6000		72.3	77.2	78.1	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 5000		73.7	79.0	79.9	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 4500		76.8	82.6	83.9	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 4000		79.5	85.3	86.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 3500		82.1	89.3	91.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 3000		82.6	89.7	92.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 2500		83.0	90.2	92.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 2000		85.3	92.9	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1800		85.3	92.9	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1500		85.3	92.9	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1200		85.3	92.9	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1000		85.3	92.9	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 900		85.3	92.9	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 800		85.3	92.9	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 700		85.3	92.9	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 600		85.3	92.9	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 500		85.3	92.9	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 400		85.3	92.9	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 300		85.3	92.9	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 200		85.3	92.9	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 100		85.3	92.9	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 0		85.3	92.9	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS 224

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053
STATION

FULDA GERMANY AAF
STATION NAME

62,65,67
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (GMT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		41.3	41.8	41.8	42.9	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	44.4
≥ 20000		47.6	48.1	48.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	51.9
≥ 18000		47.6	48.1	48.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	51.9
≥ 16000		47.6	48.1	48.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	51.9
≥ 14000		47.6	48.1	48.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	51.9
≥ 12000		47.6	48.1	48.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	51.9
≥ 10000		47.6	48.1	48.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	51.9
≥ 9000		50.3	50.8	51.3	52.4	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	54.5
≥ 8000		55.6	56.1	57.7	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	60.8
≥ 7000		59.3	59.8	61.9	63.0	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	65.1
≥ 6000		62.4	63.0	65.1	66.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	68.3
≥ 5000		64.0	65.6	67.7	68.8	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	70.9
≥ 4500		66.1	67.7	69.8	70.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	73.0
≥ 4000		70.9	73.0	75.1	76.2	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	78.3
≥ 3500		73.5	75.7	78.3	79.4	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	82.0
≥ 3000		79.4	82.0	84.7	85.7	86.2	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	88.4
≥ 2500		82.0	84.7	87.8	89.4	89.9	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	92.1
≥ 2000		83.1	85.7	88.9	90.5	91.0	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	93.1
≥ 1800		84.1	86.8	89.9	91.5	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	94.2
≥ 1500		85.2	87.8	91.0	92.6	93.1	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	95.2
≥ 1200		85.7	88.4	91.5	93.1	93.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	95.8
≥ 1000		86.8	89.4	92.6	94.2	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	96.8
≥ 900		86.8	89.4	92.6	94.2	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	96.8
≥ 800		87.2	89.9	93.1	95.8	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	98.4
≥ 700		87.2	89.9	93.1	96.3	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	98.9
≥ 600		87.2	89.9	93.1	96.3	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	98.9
≥ 500		87.2	89.9	93.1	96.3	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	98.9
≥ 400		87.2	89.9	93.1	96.3	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	98.9
≥ 300		87.2	89.9	93.1	96.3	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	98.9
≥ 200		87.2	89.9	93.1	96.3	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	99.5
≥ 100		87.2	89.9	93.1	96.3	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	99.5
≥ 0		87.2	89.9	93.1	96.3	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 189

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF

61-70

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING		16.8	19.0	22.0	25.9	26.1	26.8	28.5	29.2	34.0	34.2	34.6	34.6	35.3	35.3	37.2
≥ 20000		19.0	21.4	25.3	29.6	30.1	30.7	32.7	33.3	38.1	38.3	38.8	38.8	39.4	39.4	41.6
IV 18000		19.0	21.4	25.3	29.6	30.1	30.7	32.7	33.3	38.1	38.3	38.8	38.8	39.4	39.4	41.6
IV 16000		19.0	21.4	25.3	29.6	30.1	30.7	32.7	33.3	38.1	38.3	38.8	38.8	39.4	39.4	41.6
IV 14000		19.0	21.6	25.5	29.8	30.3	30.9	32.9	33.6	38.6	38.8	39.2	39.2	39.9	39.9	42.0
IV 12000		19.6	22.2	26.1	30.5	30.9	31.5	33.6	34.2	39.2	39.4	39.9	39.9	40.5	40.5	42.7
IV 10000		20.9	23.5	28.3	32.9	33.3	34.0	35.9	36.6	41.6	41.8	42.3	42.3	42.9	42.9	45.1
IV 9000		23.1	25.9	30.9	35.5	36.2	36.8	38.8	39.4	44.7	44.9	45.3	45.3	46.0	46.0	48.1
IV 8000		23.7	27.9	33.3	38.8	39.4	40.1	42.5	43.1	48.8	49.0	49.5	49.5	50.1	50.1	52.3
IV 7000		26.6	31.2	36.8	42.7	43.4	44.0	46.6	47.3	53.2	53.4	53.8	53.8	54.5	54.5	56.6
IV 6000		29.6	34.6	40.3	46.4	47.3	47.9	50.5	51.2	57.3	57.7	58.4	58.4	59.0	59.0	61.2
IV 5000		31.2	36.2	42.3	49.0	50.1	50.8	53.4	54.0	60.6	61.0	61.7	61.7	62.3	62.3	64.5
IV 4500		33.3	38.3	44.4	51.4	52.7	53.4	56.0	56.6	63.2	63.6	64.3	64.3	64.9	64.9	67.1
IV 4000		36.6	41.8	48.1	55.3	56.6	57.3	60.3	61.0	68.0	68.4	69.1	69.1	69.7	69.7	71.9
IV 3500		38.6	43.8	50.5	58.0	59.3	59.9	63.0	63.6	70.6	71.0	71.7	71.7	72.3	72.3	74.5
IV 3000		40.7	46.6	54.5	61.9	63.2	63.8	67.1	68.0	74.9	75.8	76.5	76.5	77.1	77.1	79.3
IV 2500		43.1	49.2	57.5	65.1	66.4	67.1	70.4	71.2	78.2	79.1	79.7	79.7	80.4	80.4	82.8
IV 2000		45.3	51.4	59.9	67.8	69.1	69.7	73.0	74.1	81.0	81.9	82.6	82.6	83.2	83.2	85.6
IV 1800		45.8	51.9	60.3	68.2	69.5	70.2	73.6	74.7	81.7	82.6	83.2	83.2	83.9	83.9	86.3
IV 1500		46.8	52.9	61.9	69.7	71.0	71.7	75.4	76.5	83.4	84.3	85.0	85.0	85.6	85.6	88.0
IV 1200		47.7	54.0	63.6	71.5	72.8	73.5	77.3	78.4	85.4	86.3	86.9	86.9	87.6	87.6	90.0
IV 1000		48.8	55.3	65.1	73.0	74.3	75.2	79.1	80.2	87.6	88.0	88.7	88.7	89.3	89.3	91.7
IV 900		48.8	55.3	65.1	73.0	74.3	75.2	79.1	80.2	87.6	88.0	88.7	88.7	89.3	89.3	91.7
IV 800		49.0	56.0	65.8	73.9	75.2	76.0	80.4	81.9	89.5	90.2	90.8	90.8	91.5	91.5	93.9
IV 700		49.0	56.0	65.8	73.9	75.2	76.0	80.4	81.9	89.5	90.2	90.8	90.8	91.5	91.5	93.9
IV 600		49.0	56.0	65.8	73.9	75.2	76.0	80.4	81.9	89.5	90.2	90.8	90.8	91.5	91.5	93.9
IV 500		49.0	56.2	66.0	74.5	76.3	77.5	81.9	83.4	91.3	91.9	92.6	92.6	93.2	93.2	95.9
IV 400		49.0	56.2	66.0	74.5	76.3	77.5	81.9	83.4	91.3	91.9	92.6	92.6	93.2	93.2	95.9
IV 300		49.0	56.2	66.0	74.5	76.3	77.5	81.9	83.4	91.3	91.9	92.6	92.6	93.2	93.2	95.9
IV 200		49.0	56.2	66.0	74.5	76.3	77.5	81.9	83.4	91.3	91.9	92.6	92.6	93.2	93.2	95.9
IV 100		49.0	56.2	66.0	74.5	76.3	77.5	81.9	83.4	91.3	91.9	92.6	92.6	93.2	93.2	95.9
IV 0		49.0	56.2	66.0	74.5	76.3	77.5	81.9	83.4	91.3	91.9	92.6	92.6	93.2	93.2	95.9

TOTAL NUMBER OF OBSERVATIONS 459

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35052
STATION

FULDA GERMANY AAF
STATION NAME

61-70
YEARS

1
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

600-0000
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING		16.1	18.9	22.1	24.7	25.6	27.9	28.9	29.4	31.1	31.1	31.4	31.4	31.9	31.9	33.0
≥ 20000		18.6	21.5	25.3	27.9	29.2	31.6	32.8	33.3	35.4	35.4	35.6	35.6	36.2	36.2	37.3
IV 18000		18.6	21.5	25.3	27.9	29.2	31.6	32.8	33.3	35.4	35.4	35.6	35.6	36.2	36.2	37.3
IV 16000		18.6	21.5	25.3	27.9	29.2	31.6	32.8	33.3	35.4	35.4	35.6	35.6	36.2	36.2	37.3
IV 14000		18.9	21.8	25.6	28.1	29.4	31.8	33.0	33.6	35.6	35.6	35.9	35.9	36.5	36.5	37.5
IV 12000		19.8	22.8	26.7	29.3	30.6	33.0	34.1	34.7	36.8	36.8	37.0	37.0	37.6	37.6	38.7
IV 10000		21.8	25.3	30.0	33.1	34.5	37.0	36.2	38.9	41.3	41.3	41.7	41.7	42.2	42.2	43.3
IV 9000		23.4	27.0	31.6	35.0	36.5	39.0	40.2	40.9	43.5	43.5	43.6	43.9	44.4	44.4	45.5
IV 8000		26.5	30.8	35.8	39.7	41.3	44.0	45.3	46.2	49.3	49.4	49.7	49.8	50.3	50.3	51.4
IV 7000		30.4	35.4	40.7	44.9	46.8	49.8	51.3	52.2	55.4	55.6	55.8	55.9	56.6	56.7	57.9
IV 6000		31.8	36.9	42.2	46.5	48.4	51.4	52.9	54.1	57.5	57.6	57.9	58.0	58.7	58.8	60.0
IV 5000		34.6	39.7	45.7	50.1	52.3	55.4	57.4	58.7	62.2	62.3	62.5	62.6	63.3	63.4	64.6
IV 4500		36.8	42.1	48.1	52.5	54.7	57.9	59.8	61.1	64.6	64.7	64.9	65.0	65.7	65.9	67.0
IV 4000		39.1	45.1	51.3	56.0	58.2	61.6	63.7	65.3	68.8	68.9	69.1	69.2	70.0	70.1	71.3
IV 3500		41.8	48.0	54.6	59.5	61.7	65.0	67.2	68.9	72.3	72.5	72.7	72.8	73.6	73.7	74.9
IV 3000		44.9	51.3	58.3	63.2	65.4	68.8	71.1	72.7	76.2	76.4	76.6	76.9	77.7	77.8	79.1
IV 2500		47.0	53.6	61.0	66.2	68.4	71.9	74.2	75.8	79.3	79.5	79.7	80.0	80.9	81.0	82.3
IV 2000		48.7	55.3	62.8	68.1	70.3	73.7	76.4	78.0	81.6	81.8	82.1	82.3	83.2	83.3	84.6
IV 1800		49.3	55.9	63.5	68.8	70.9	74.5	77.2	78.8	82.4	82.6	82.9	83.1	84.0	84.1	85.4
IV 1500		49.9	56.8	65.3	70.5	72.7	76.4	79.1	80.7	84.3	84.5	84.7	85.0	85.9	86.0	87.3
IV 1200		50.6	57.9	66.4	71.8	74.1	77.9	80.7	82.3	85.9	86.2	86.5	86.7	87.6	87.7	89.0
IV 1000		51.2	58.6	67.1	72.6	75.0	79.2	82.2	84.0	87.7	88.1	88.3	88.5	89.5	89.6	90.9
IV 900		51.3	58.9	67.6	73.1	75.6	80.0	83.1	85.0	89.0	89.4	89.6	89.9	90.9	91.0	92.2
IV 800		51.4	59.1	67.8	73.3	76.4	80.8	84.4	86.2	90.3	90.6	90.9	91.3	92.2	92.4	93.6
IV 700		51.4	59.1	67.8	73.3	76.4	80.8	84.4	86.2	90.3	90.6	90.9	91.3	92.2	92.4	93.6
IV 600		51.4	59.1	67.8	73.3	76.4	80.8	84.4	86.2	90.3	90.6	90.9	91.3	92.2	92.4	93.6
IV 500		51.5	59.3	68.1	74.3	77.0	81.5	85.6	87.8	92.1	92.6	92.8	93.4	94.4	94.6	95.8
IV 400		51.5	59.3	68.1	74.3	77.0	81.5	85.6	87.8	92.1	92.6	92.8	93.4	94.4	94.6	95.8
IV 300		51.5	59.3	68.1	74.3	77.0	81.5	85.6	87.8	92.1	92.6	92.8	93.4	94.4	94.6	95.8
IV 200		51.5	59.3	68.1	74.3	77.0	81.5	85.6	87.8	92.1	92.6	92.8	93.4	94.4	94.6	95.8
IV 100		51.5	59.3	68.1	74.3	77.0	81.5	85.6	87.8	92.1	92.6	92.8	93.4	94.4	94.6	95.8
IV 0		51.5	59.3	68.1	74.3	77.0	81.5	85.6	87.8	92.1	92.6	92.8	93.4	94.4	94.6	95.8

TOTAL NUMBER OF OBSERVATIONS 864

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 35053 FULDA GERMANY AAF

61-70

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		27.2	30.5	33.6	35.0	35.2	35.5	35.8	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 20000		30.1	33.9	37.3	38.8	39.2	39.4	39.9	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 18000		30.1	33.9	37.3	38.8	39.2	39.4	39.9	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 16000		30.1	33.9	37.3	38.8	39.2	39.4	39.9	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 14000		30.3	34.3	37.7	39.2	39.7	39.9	40.3	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 12000		31.5	35.5	38.9	40.3	40.9	41.1	41.6	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 10000		34.0	38.2	41.8	43.6	44.2	44.4	44.9	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 9000		35.0	39.2	43.0	44.9	45.5	45.7	46.1	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 8000		40.3	44.7	48.8	50.8	51.4	51.7	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 7000		43.0	47.4	51.6	53.6	54.2	54.5	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 6000		44.8	49.2	53.4	55.5	56.0	56.4	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 5000		46.8	51.7	56.0	58.4	59.1	59.7	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 4500		48.9	53.8	58.2	60.7	61.4	62.0	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 4000		51.0	56.3	61.0	63.8	64.4	65.1	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 3500		53.9	59.4	64.3	67.2	67.8	68.5	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 3000		60.0	65.8	70.8	73.6	74.3	75.0	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 2500		66.0	72.4	78.1	81.1	81.8	82.5	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 2000		68.1	73.8	81.5	84.5	85.2	85.9	86.7	87.0	87.2	87.2	87.2	87.2	87.2	87.3	87.3
≥ 1800		69.9	77.0	82.8	85.9	86.6	87.3	88.3	88.6	88.8	88.8	88.8	88.8	88.8	88.9	88.9
≥ 1500		71.0	78.6	84.7	87.8	88.5	89.5	90.3	90.7	90.8	90.8	90.8	90.8	90.8	90.9	90.9
≥ 1200		72.5	80.6	87.2	90.7	91.4	92.8	93.6	94.0	94.1	94.1	94.1	94.1	94.1	94.2	94.2
≥ 1000		72.8	80.9	87.7	91.8	92.6	94.1	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.5	95.5
≥ 900		72.8	81.1	88.0	92.0	92.8	94.4	95.2	95.6	95.7	95.7	95.7	95.7	95.7	95.8	95.8
≥ 800		73.0	81.3	88.1	92.6	93.5	95.5	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96.8
≥ 700		73.2	81.6	88.5	93.3	94.3	96.4	97.2	97.5	97.7	97.7	97.7	97.7	97.7	97.8	97.8
≥ 600		73.4	81.8	89.0	93.9	95.0	97.2	98.1	98.6	99.0	99.0	99.0	99.0	99.0	99.1	99.2
≥ 500		73.4	81.9	89.1	94.2	95.3	97.3	98.4	99.0	99.3	99.3	99.3	99.3	99.3	99.4	99.5
≥ 400		73.4	81.9	89.1	94.2	95.3	97.3	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.7	99.8
≥ 300		73.4	81.9	89.1	94.2	95.3	97.3	98.8	99.3	99.7	99.7	99.7	99.7	99.7	99.9	99.9
≥ 200		73.4	81.9	89.1	94.2	95.3	97.3	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.9	100.0
≥ 100		73.4	81.9	89.1	94.2	95.3	97.3	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.9	100.0
≥ 0		73.4	81.9	89.1	94.2	95.3	97.3	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 980

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-70
YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1230-1500
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000		27.3 32.1	28.2 33.1	28.7 33.6	28.7 33.7	28.7 33.7	29.0 34.1	29.0 34.1	29.0 34.1	29.0 34.1	29.0 34.1	29.0 34.1	29.0 34.1	29.0 34.1	29.0 34.1	29.1 34.2
≥ 18000 IV 16000		32.1 32.2	33.1 33.3	33.6 33.7	33.7 33.8	33.7 33.8	34.1 34.2	34.1 34.2	34.1 34.2	34.1 34.2	34.1 34.2	34.1 34.2	34.1 34.2	34.1 34.2	34.1 34.2	34.2 34.3
IV 14000 IV 12000		32.3 33.0	32.4 34.1	33.8 34.5	33.9 34.7	33.9 34.7	34.3 35.1	34.3 35.1	34.3 35.1	34.3 35.1	34.3 35.1	34.3 35.1	34.3 35.1	34.3 35.1	34.3 35.1	34.4 35.2
IV 10000 IV 9000		33.8 37.0	36.8 38.3	37.4 39.0	37.6 39.2	37.6 39.2	38.1 39.7	38.1 39.7	38.1 39.7	38.1 39.7	38.1 39.7	38.1 39.7	38.1 39.7	38.1 39.7	38.1 39.7	38.2 39.8
IV 8000 IV 7000		41.9 46.3	43.3 47.8	44.0 48.7	44.3 49.0	44.3 49.0	45.2 49.9	45.2 49.9	45.2 49.9	45.2 49.9	45.2 49.9	45.2 49.9	45.2 49.9	45.2 49.9	45.2 49.9	45.4 50.1
IV 6000 IV 5000		49.5 52.1	51.1 53.9	52.1 54.9	52.3 55.2	52.3 55.2	53.2 56.1	53.2 56.1	53.2 56.1	53.2 56.1	53.2 56.1	53.2 56.1	53.2 56.1	53.2 56.1	53.2 56.1	53.4 56.3
IV 4500 IV 4000		55.4 60.3	57.3 62.3	58.4 63.3	58.7 63.6	58.7 63.6	59.6 64.6	59.6 64.7	59.6 64.7	59.6 64.7	59.6 64.7	59.6 64.7	59.6 64.7	59.6 64.7	59.6 64.7	59.9 64.9
IV 3500 IV 3000		67.4 77.3	69.7 80.0	70.9 81.3	71.2 81.7	71.2 81.7	72.1 82.6	72.2 82.9	72.2 82.9	72.2 82.9	72.2 82.9	72.2 82.9	72.2 82.9	72.2 82.9	72.2 82.9	72.5 83.1
IV 2500 IV 2000		83.3 86.4	86.4 90.3	87.8 92.0	88.2 92.4	88.2 92.5	89.4 93.8	89.6 93.9	89.6 93.9	89.6 93.9	89.6 93.9	89.6 93.9	89.6 93.9	89.6 93.9	89.6 93.9	89.8 94.2
IV 1800 IV 1500		86.8 88.2	90.7 92.4	92.4 94.2	92.9 94.7	93.0 94.8	94.3 96.1	94.4 96.2	94.4 96.2	94.4 96.2	94.4 96.2	94.4 96.2	94.4 96.2	94.4 96.2	94.4 96.2	94.6 96.4
IV 1200 IV 1000		89.1 89.4	92.6 94.2	93.6 96.7	96.3 97.4	96.4 97.5	97.7 98.7	97.8 98.9	97.8 98.9	97.8 98.9	97.8 98.9	97.8 98.9	97.8 98.9	97.8 98.9	97.8 98.9	98.1 99.1
IV 900 IV 800		89.4 89.7	94.2 94.4	96.7 96.9	97.4 97.6	97.5 97.7	98.7 99.0	98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1	99.1 99.3
IV 700 IV 600		89.8 89.8	94.5 94.8	97.0 97.4	97.8 98.2	97.9 98.3	99.3 99.7	99.4 99.8	99.4 99.8	99.4 99.8	99.4 99.8	99.4 99.8	99.4 99.8	99.4 99.8	99.4 99.8	99.7 100.0
IV 500 IV 400		89.8 89.8	94.8 94.8	97.4 97.4	98.2 98.2	98.3 98.3	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0
IV 300 IV 200		89.8 89.8	94.8 94.8	97.4 97.4	98.2 98.2	98.3 98.3	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0
IV 100 IV 0		89.8 89.8	94.8 94.8	97.4 97.4	98.2 98.2	98.3 98.3	99.7 99.7	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 872

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053
STATION

PULDA GERMANY AAF
STATION NAME

01-70
YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		30.8	31.1	31.1	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥ 20000		36.7	37.0	37.0	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 18000		35.7	37.0	37.0	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 16000		36.8	37.1	37.1	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 14000		36.8	37.1	37.1	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 12000		38.1	38.4	38.4	38.8	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 10000		41.9	42.2	42.5	42.8	42.8	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 9000		44.5	45.1	45.3	45.7	45.7	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 8000		49.2	50.2	50.4	50.8	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 7000		55.8	56.7	56.9	57.2	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 6000		59.5	60.5	60.7	61.2	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 5000		62.9	63.9	64.2	64.7	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 4500		66.7	67.7	68.0	68.4	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 4000		73.1	74.3	74.5	75.0	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3500		78.1	79.5	79.7	80.2	80.2	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3000		84.6	86.7	87.4	88.1	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2500		88.3	90.7	91.6	92.3	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000		90.6	93.4	94.4	95.1	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800		90.6	93.6	94.7	95.4	95.4	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500		91.2	94.3	95.4	96.2	96.2	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200		91.9	95.1	96.4	97.3	97.4	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000		91.9	95.3	96.9	98.0	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900		92.1	95.5	97.5	98.3	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800		92.3	95.7	97.5	98.7	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700		92.4	96.0	97.7	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		92.4	96.0	97.7	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		92.4	96.0	97.7	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		92.4	96.0	97.7	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		92.4	96.0	97.7	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		92.4	96.0	97.7	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		92.4	96.0	97.7	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		92.4	96.0	97.7	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 843

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

39053 FULDA GERMANY AAF

61-73

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12 JUL 2000

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/20	≥ 0
NO CEILING		38.4	38.9	38.9	39.2	39.3	39.3	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 20000		45.6	46.1	46.1	46.4	46.4	46.6	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 18000		45.6	46.1	46.1	46.4	46.4	46.6	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
IV 15000		45.6	46.1	46.1	46.4	46.4	46.6	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
IV 14000		45.6	46.1	46.1	46.4	46.4	46.6	46.8	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1
IV 12000		46.9	47.4	47.4	48.0	48.0	48.1	48.2	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5
IV 10000		49.1	49.7	50.2	50.7	50.7	50.9	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
IV 9000		53.1	53.6	54.1	54.6	54.6	54.8	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
IV 8000		62.1	62.6	63.4	63.9	63.9	64.2	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 7000		68.5	69.7	70.7	71.3	71.3	71.4	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 6000		72.3	73.1	74.1	74.7	74.7	75.0	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 5000		75.0	76.0	77.0	77.6	77.6	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 4500		76.4	77.6	78.7	79.3	79.3	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 4000		79.6	81.0	82.1	82.7	82.7	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 3500		83.5	84.9	86.1	86.7	86.7	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 3000		88.8	90.8	92.0	92.7	92.7	93.0	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 2500		90.8	92.3	93.0	94.7	94.7	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 2000		91.5	93.5	95.1	96.1	96.1	96.4	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1800		91.5	93.5	95.1	96.1	96.1	96.4	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1500		92.2	94.2	95.7	96.8	96.8	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1200		92.7	94.9	96.4	97.4	97.4	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1000		92.9	95.1	96.6	98.3	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 900		93.2	95.4	97.1	98.8	98.8	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 800		93.2	95.6	97.3	99.0	99.0	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700		93.2	95.6	97.4	99.1	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600		93.2	95.6	97.4	99.1	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500		93.2	95.6	97.4	99.1	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400		93.2	95.6	97.4	99.1	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300		93.2	95.6	97.4	99.1	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		93.2	95.6	97.4	99.1	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		93.2	95.6	97.4	99.1	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		93.2	95.6	97.4	99.1	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 588

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

39053
STATION

FULDA GERMANY AAF
STATION NAME

02/65/67

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 20000		43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 18000		43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 16000		43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 14000		43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 12000		43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 10000		44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 9000		46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 8000		52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 7000		61.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 6000		65.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 5000		70.2	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 4500		72.9	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 4000		80.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3500		84.6	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3000		89.9	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 2500		90.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2000		90.4	93.1	93.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800		91.0	93.6	93.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1600		92.0	94.7	94.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1400		92.0	94.7	94.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200		92.0	94.7	94.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000		92.1	96.3	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900		93.1	96.3	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800		93.1	96.3	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700		93.1	96.3	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600		93.1	96.3	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500		93.1	96.3	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400		93.1	96.3	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 300		93.1	96.3	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 200		93.1	96.3	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 100		93.1	96.3	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 0		93.1	96.3	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS 188

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

38053
STATION

FULDA GERMANY AAF
STATION NAME

05/67
YEAR

M. G.
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (GMT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5.16	≥¼	≥0	
NO CEILING		43.0	47.3	48.4	51.1	51.1	52.2	53.2	53.2	54.3	54.8	54.8	55.4	55.4	55.4	55.4	
≥ 20000		48.9	53.2	54.3	57.0	57.0	58.1	59.1	59.1	60.2	60.8	60.8	61.3	61.3	61.3	61.3	
≥ 18000		48.9	53.2	54.3	57.0	57.0	58.1	59.1	59.1	60.2	60.8	60.8	61.3	61.3	61.3	61.3	
≥ 16000		48.9	53.2	54.3	57.0	57.0	58.1	59.1	59.1	60.2	60.8	60.8	61.3	61.3	61.3	61.3	
≥ 14000		48.9	53.2	54.3	57.0	57.0	58.1	59.1	59.1	60.2	60.8	60.8	61.3	61.3	61.3	61.3	
≥ 12000		50.0	54.3	55.4	58.1	58.1	59.1	60.2	60.2	61.3	61.8	61.8	62.4	62.4	62.4	62.4	
≥ 10000		52.7	57.0	58.1	60.8	60.8	61.8	62.9	62.9	64.0	64.5	64.5	65.1	65.1	65.1	65.1	
≥ 9000		53.2	57.5	58.6	61.3	61.3	62.4	63.4	63.4	64.5	65.1	65.1	65.6	65.6	65.6	65.6	
≥ 8000		59.7	63.9	65.6	68.8	68.8	70.4	71.5	71.5	72.6	73.1	73.1	73.7	73.7	73.7	73.7	
≥ 7000		64.5	69.9	71.0	75.3	75.3	76.9	78.0	78.0	79.0	79.6	79.6	80.1	80.1	80.1	80.1	
≥ 6000		69.5	73.8	76.9	81.2	81.2	82.8	83.9	83.9	84.9	85.5	85.5	86.0	86.0	86.0	86.0	
≥ 5000		73.1	79.6	80.6	84.9	84.9	86.5	87.6	87.6	88.7	89.2	89.2	89.8	89.8	89.8	89.8	
≥ 4500		73.7	80.1	81.2	85.5	85.5	87.1	88.2	88.2	89.2	89.8	89.8	90.3	90.3	90.3	90.3	
≥ 4000		74.2	80.6	81.7	86.0	86.0	87.6	88.7	88.7	89.8	90.3	90.3	90.9	90.9	90.9	90.9	
≥ 3500		74.7	82.8	83.9	88.2	88.2	89.8	90.9	90.9	91.9	92.5	92.5	93.0	93.0	93.0	93.0	
≥ 3000		74.7	82.8	83.9	88.2	88.2	89.8	90.9	90.9	91.9	92.5	92.5	93.0	93.0	93.0	93.0	
≥ 2500		74.7	82.8	83.9	88.2	88.2	89.8	90.9	90.9	91.9	92.5	92.5	93.0	93.0	93.0	93.0	
≥ 2000		76.3	84.4	85.5	89.8	89.8	91.4	92.5	92.5	93.5	94.1	94.1	94.6	94.6	94.6	94.6	
≥ 1800		76.3	84.4	85.5	89.8	89.8	91.4	92.5	92.5	93.5	94.1	94.1	94.6	94.6	94.6	94.6	
≥ 1500		76.3	84.4	85.5	89.8	89.8	91.4	92.5	92.5	93.5	94.1	94.1	94.6	94.6	94.6	94.6	
≥ 1200		78.5	87.6	88.7	93.0	93.0	94.6	95.7	95.7	96.8	97.3	97.3	97.8	97.8	97.8	97.8	
≥ 1000		78.5	87.6	88.7	93.0	93.0	94.6	95.7	95.7	96.8	97.3	97.3	97.8	97.8	97.8	97.8	
≥ 900		78.5	87.6	88.7	93.0	93.0	94.6	95.7	95.7	96.8	97.3	97.3	97.8	97.8	97.8	97.8	
≥ 800		78.5	87.6	88.7	93.0	93.0	94.6	95.7	95.7	96.8	97.3	97.3	97.8	97.8	97.8	97.8	
≥ 700		78.5	87.6	88.7	93.0	93.0	94.6	95.7	95.7	96.8	97.3	97.3	97.8	97.8	97.8	97.8	
≥ 600		78.5	87.6	88.7	93.0	93.0	94.6	95.7	95.7	96.8	97.3	97.3	97.8	97.8	97.8	97.8	
≥ 500		78.5	87.6	88.7	93.0	93.0	94.6	95.7	95.7	96.8	97.3	97.3	97.8	97.8	97.8	97.8	
≥ 400		78.5	87.6	88.7	93.0	93.0	94.6	95.7	95.7	96.8	97.3	97.3	97.8	97.8	97.8	97.8	
≥ 300		78.5	87.6	88.7	93.0	93.0	94.6	95.7	95.7	96.8	97.3	97.3	97.8	97.8	97.8	97.8	
≥ 200		78.5	87.6	88.7	93.0	93.0	94.6	95.7	95.7	96.8	97.3	97.3	97.8	97.8	97.8	97.8	
≥ 100		78.5	87.6	88.7	93.0	93.0	94.6	95.7	95.7	96.8	97.3	97.3	97.8	97.8	97.8	97.8	
≥ 0		78.5	87.6	88.7	93.0	93.0	94.6	95.7	95.7	96.8	97.3	97.3	97.8	97.8	97.8	97.8	

TOTAL NUMBER OF OBSERVATIONS 186

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-65,67-70
YEARS

400
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		18.7	22.7	24.6	27.0	27.7	28.1	28.8	29.0	30.9	31.8	32.9	33.6	34.4	34.4	37.5
IV 20000		21.8	26.1	28.3	31.4	32.0	32.7	33.6	34.0	35.9	36.8	37.9	38.6	39.4	39.4	42.9
IV 18000		21.8	26.1	28.3	31.4	32.0	32.7	33.6	34.0	35.9	36.8	37.9	38.6	39.4	39.4	42.9
IV 16000		21.8	26.1	28.3	31.4	32.0	32.7	33.6	34.0	35.9	36.8	37.9	38.6	39.4	39.4	42.9
IV 14000		22.4	26.8	29.0	32.0	32.7	33.6	34.2	34.6	36.8	37.5	38.6	39.2	40.3	40.3	43.8
IV 12000		22.7	27.0	29.4	32.3	33.1	34.0	34.6	35.1	37.0	37.9	39.0	39.7	40.7	40.7	44.2
IV 10000		23.5	28.3	30.7	34.0	34.9	35.7	36.4	36.8	39.0	39.9	41.0	41.6	42.7	42.7	46.4
IV 9000		24.6	29.8	32.5	35.7	36.6	37.7	38.3	38.8	41.0	41.8	42.9	43.6	44.7	44.7	48.4
IV 8000		26.8	32.5	35.5	39.0	39.9	41.0	42.3	42.9	45.3	46.4	47.5	48.1	49.7	49.7	53.4
IV 7000		28.8	34.6	37.7	41.2	42.0	44.0	46.0	46.6	49.0	50.1	51.2	51.9	53.4	53.4	57.1
IV 6000		31.8	37.9	41.0	44.4	45.3	47.5	49.5	50.5	52.9	54.0	55.1	55.8	57.3	57.3	61.0
IV 5000		34.9	41.2	44.4	48.4	49.2	51.4	53.8	55.1	57.5	58.8	59.9	60.6	62.3	62.3	66.0
IV 4500		35.7	42.3	45.5	49.5	50.3	52.5	54.9	56.2	58.6	59.9	61.0	61.7	63.4	63.4	67.1
IV 4000		37.9	44.7	48.8	52.9	53.8	56.4	59.0	60.3	62.7	64.1	65.1	65.8	67.8	67.8	71.5
IV 3500		38.3	45.1	49.2	53.4	54.5	57.1	59.7	61.0	63.4	64.7	65.8	66.4	68.4	68.4	72.1
IV 3000		41.0	47.9	52.5	57.1	58.2	61.0	63.6	64.9	67.5	68.8	69.9	70.6	72.3	72.3	76.3
IV 2500		41.6	49.0	53.8	58.6	59.9	62.7	65.4	66.7	69.3	70.6	71.7	72.3	74.3	74.3	78.0
IV 2000		42.0	50.1	56.2	61.4	62.7	65.6	68.2	69.5	72.1	73.4	74.5	75.2	77.1	77.1	80.8
IV 1800		42.5	50.3	56.6	61.9	63.2	66.0	68.6	69.9	72.5	73.8	74.9	75.6	77.6	77.6	81.3
IV 1500		42.7	51.6	58.0	63.6	64.9	67.2	71.2	72.5	75.2	76.5	77.6	78.2	80.2	80.2	83.9
IV 1200		43.1	54.0	60.3	66.4	67.7	71.9	75.9	77.2	79.9	81.2	82.3	83.0	84.9	84.9	87.6
IV 1000		43.3	54.5	60.8	67.1	68.8	72.2	76.8	78.1	80.7	82.0	83.1	83.8	85.7	85.7	88.5
IV 900		43.5	54.9	61.4	67.8	69.7	73.6	78.7	80.0	82.6	83.9	85.0	85.7	87.6	87.6	89.3
IV 800		43.5	55.1	61.9	68.5	70.8	74.9	79.9	81.2	83.8	85.1	86.2	86.9	88.8	88.8	90.8
IV 700		46.0	55.8	62.5	69.5	71.5	75.6	79.1	80.6	83.2	84.5	85.6	86.3	88.3	88.3	92.2
IV 600		46.0	55.8	62.5	69.5	71.5	75.6	79.1	80.6	83.2	84.5	85.6	86.3	88.3	88.3	92.2
IV 500		46.0	55.8	62.5	69.5	71.5	75.6	79.1	80.6	83.2	84.5	85.6	86.3	88.3	88.3	92.2
IV 400		46.0	55.8	62.5	69.5	71.5	75.6	79.1	80.6	83.2	84.5	85.6	86.3	88.3	88.3	92.2
IV 300		46.0	55.8	62.5	69.5	71.5	75.6	79.1	80.6	83.2	84.5	85.6	86.3	88.3	88.3	92.2
IV 200		46.0	55.8	62.5	69.5	71.5	75.6	79.1	80.6	83.2	84.5	85.6	86.3	88.3	88.3	92.2
IV 100		46.0	55.8	62.5	69.5	71.5	75.6	79.1	80.6	83.2	84.5	85.6	86.3	88.3	88.3	92.2
IV 0		46.0	55.8	62.5	69.5	71.5	75.6	79.1	80.6	83.2	84.5	85.6	86.3	88.3	88.3	92.2

TOTAL NUMBER OF OBSERVATIONS 459

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-70

YEAR

6
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

600-0800
HOURS LT ST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		13.9	15.2	16.9	18.1	18.8	19.9	21.4	21.7	22.4	23.4	23.7	24.0	24.7	24.7	26.1
≥ 20000		16.1	18.1	20.3	22.3	23.3	25.0	26.7	27.1	27.9	28.9	29.2	29.5	30.7	30.7	32.4
IV 18000		16.1	18.1	20.3	22.3	23.3	25.0	26.7	27.1	27.9	28.9	29.2	29.5	30.7	30.7	32.4
IV 16000		16.1	18.1	20.3	22.3	23.3	25.0	26.7	27.1	27.9	28.9	29.2	29.5	30.7	30.7	32.4
IV 14000		16.2	18.3	20.4	22.4	23.4	25.1	26.8	27.2	28.0	29.0	29.3	29.6	30.8	30.8	32.5
IV 12000		16.7	18.7	20.8	22.8	23.9	25.5	27.2	27.7	28.4	29.6	29.9	30.2	31.5	31.5	33.1
IV 10000		18.8	21.1	23.7	26.0	27.1	28.8	30.5	31.0	32.0	33.1	33.5	33.8	35.1	35.1	37.1
IV 9000		20.5	23.0	26.0	28.4	29.6	31.5	33.1	33.7	34.7	35.9	36.3	36.6	37.8	37.8	40.0
IV 8000		22.4	25.1	28.1	30.8	31.9	34.3	36.4	37.2	38.5	39.8	40.1	40.4	41.8	41.9	44.1
IV 7000		25.0	27.8	30.9	33.7	35.1	37.4	39.6	40.5	41.9	42.1	43.6	43.9	45.2	45.4	47.6
IV 6000		27.3	30.5	33.8	36.7	37.1	40.4	42.8	43.8	45.5	46.7	47.1	47.5	48.9	49.0	51.4
IV 5000		29.8	33.0	36.8	40.3	41.7	44.0	46.4	47.4	49.5	50.7	51.4	51.8	53.3	53.4	55.9
IV 4500		30.6	33.8	37.8	41.4	43.0	45.4	47.9	49.0	51.2	52.4	53.1	53.6	55.1	55.2	57.7
IV 4000		32.4	36.1	41.0	45.1	46.8	49.3	52.2	53.4	55.8	57.0	57.7	58.2	59.8	59.9	62.4
IV 3500		33.5	37.2	42.1	46.6	48.3	50.8	53.8	55.0	57.3	58.6	59.2	59.8	61.4	61.5	63.9
IV 3000		35.4	39.5	44.9	49.4	51.2	53.9	57.3	58.6	61.1	62.5	63.2	63.7	65.3	65.4	67.9
IV 2500		37.6	42.0	47.7	53.0	54.8	57.6	61.0	62.3	64.8	66.2	66.9	67.6	69.0	69.1	71.6
IV 2000		39.1	43.9	49.8	55.3	57.1	60.0	63.6	64.8	67.5	68.9	69.5	70.1	71.7	71.8	74.2
IV 1800		37.4	44.6	50.5	56.1	57.9	60.8	64.4	65.7	68.4	69.8	70.4	71.0	72.6	72.7	75.1
IV 1500		41.3	46.6	52.5	58.3	60.1	63.4	67.3	68.6	71.3	72.7	73.3	73.9	75.5	75.6	78.1
IV 1200		42.9	48.6	54.6	60.7	62.6	66.1	70.3	71.7	74.5	75.8	76.5	77.0	78.6	78.7	81.2
IV 1000		45.2	49.6	55.9	62.0	64.1	68.0	72.5	73.9	76.7	78.1	78.7	79.3	80.9	81.0	83.4
IV 900		43.2	49.8	56.2	62.3	64.5	68.4	72.9	74.4	77.2	78.6	79.3	79.8	81.4	81.5	84.0
IV 800		43.4	50.4	57.0	63.6	65.7	70.1	75.5	76.9	79.8	81.3	82.0	82.5	84.1	84.2	86.7
IV 700		43.8	50.7	57.7	64.3	66.4	70.9	76.3	77.7	80.9	82.3	83.0	83.5	85.1	85.2	87.7
IV 600		43.8	50.8	57.8	64.5	66.6	71.3	76.8	78.3	81.5	83.0	83.7	84.2	85.8	85.9	88.4
IV 500		44.0	51.1	58.0	64.7	67.0	71.7	77.5	78.9	82.3	83.9	84.5	85.1	86.7	86.8	89.2
IV 400		44.0	51.1	58.0	64.7	67.0	71.7	77.5	79.4	82.8	84.3	85.1	85.7	87.2	87.3	90.3
IV 300		44.0	51.1	58.0	64.7	67.0	71.7	78.1	79.5	83.0	84.5	85.4	86.0	87.7	87.8	92.3
IV 200		44.0	51.1	58.0	64.7	67.0	71.7	78.1	79.5	83.0	84.5	85.4	86.0	88.1	88.2	94.5
IV 100		44.0	51.1	58.0	64.7	67.0	71.7	78.1	79.5	83.0	84.5	85.4	86.0	88.2	88.6	97.9
IV 0		44.0	51.1	58.0	64.7	67.0	71.7	78.1	79.5	83.0	84.5	85.4	86.0	88.2	88.6	100.0

TOTAL NUMBER OF OBSERVATIONS 893

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF

61-70

YEARS

MOON

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING		20.8	24.0	25.1	27.5	27.8	28.7	29.1	29.2	29.3	29.3	29.4	29.6	29.7	29.7	29.8
≥ 20000		24.9	28.7	30.8	32.6	32.9	33.9	34.5	34.6	34.8	34.8	35.0	35.1	35.2	35.2	35.4
≥ 18000		24.9	28.7	30.8	32.6	32.9	33.9	34.5	34.6	34.8	34.8	35.0	35.1	35.2	35.2	35.4
≥ 16000		24.9	28.7	30.8	32.6	32.9	33.9	34.5	34.6	34.8	34.8	35.0	35.1	35.2	35.2	35.4
≥ 14000		25.3	29.1	31.2	33.0	33.4	34.4	34.9	35.0	35.2	35.2	35.4	35.6	35.7	35.7	35.9
≥ 12000		26.8	30.8	32.8	34.7	35.0	36.0	36.5	36.6	36.9	36.9	37.1	37.2	37.3	37.3	37.5
≥ 10000		30.2	35.3	37.5	39.5	39.9	40.9	41.4	41.5	41.8	41.8	42.0	42.1	42.2	42.2	42.4
≥ 9000		31.7	37.0	39.5	41.4	41.9	42.9	43.4	43.5	43.7	43.7	43.9	44.1	44.2	44.2	44.4
≥ 8000		36.1	42.2	45.5	48.0	48.4	50.4	51.1	51.5	51.7	51.7	51.9	52.0	52.1	52.1	52.3
≥ 7000		37.8	44.1	47.3	49.9	50.4	52.3	53.1	53.4	53.7	53.7	53.9	54.0	54.1	54.1	54.3
≥ 6000		39.0	45.3	48.6	51.3	51.7	53.7	54.4	54.7	55.0	55.0	55.2	55.3	55.4	55.4	55.6
≥ 5000		40.5	46.9	50.5	53.3	53.9	55.6	56.7	57.0	57.6	57.6	57.8	57.9	58.1	58.1	58.3
≥ 4500		41.2	47.9	51.5	54.4	55.0	57.0	57.9	58.2	58.8	58.8	59.0	59.1	59.3	59.3	59.5
≥ 4000		43.4	50.2	54.2	57.3	57.9	60.0	61.1	61.4	61.9	61.9	62.2	62.3	62.5	62.5	62.7
≥ 3500		44.9	51.9	56.1	59.1	59.8	61.8	62.9	63.2	63.8	63.8	64.0	64.1	64.3	64.3	64.6
≥ 3000		49.1	56.4	61.2	64.6	65.2	67.4	68.5	68.8	69.5	69.5	69.7	69.8	70.0	70.0	70.2
≥ 2500		53.5	61.5	66.7	70.2	71.0	73.2	74.3	74.6	75.2	75.2	75.5	75.6	75.8	75.8	76.0
≥ 2000		57.8	66.4	71.9	75.6	76.3	78.5	79.9	80.3	81.0	81.1	81.4	81.5	81.6	81.8	82.0
≥ 1800		59.4	68.0	73.5	77.3	78.1	80.3	81.7	82.0	82.8	82.9	83.1	83.2	83.3	83.5	83.8
≥ 1500		62.3	71.2	76.8	80.9	81.7	83.9	85.3	85.7	86.6	86.7	86.9	87.0	87.4	87.4	87.6
≥ 1200		63.1	72.4	78.0	83.5	84.5	86.9	88.4	88.9	89.7	89.9	90.1	90.2	90.3	90.5	90.7
≥ 1000		64.0	73.3	79.8	85.1	86.0	88.5	90.2	90.6	91.6	91.7	91.9	92.0	92.4	92.4	92.6
≥ 900		64.1	73.5	80.3	85.9	86.6	89.1	91.1	91.5	92.5	92.6	92.8	92.9	93.2	93.2	93.5
≥ 800		64.4	73.9	80.9	86.4	87.4	90.3	92.3	92.7	93.7	93.8	94.0	94.1	94.4	94.4	94.7
≥ 700		64.7	74.2	81.2	87.0	88.0	91.2	93.2	93.7	94.8	94.9	95.1	95.2	95.6	95.6	95.9
≥ 600		64.7	74.2	81.2	87.2	88.2	91.4	93.6	94.2	95.3	95.5	95.7	96.1	96.4	96.4	96.6
≥ 500		64.7	74.2	81.2	87.4	88.3	91.8	94.1	94.8	96.2	96.4	96.6	97.1	97.3	97.3	97.7
≥ 400		64.7	74.2	81.2	87.4	88.3	91.9	94.3	95.0	96.5	96.7	96.9	97.5	97.9	98.0	98.4
≥ 300		64.7	74.2	81.2	87.4	88.4	92.0	94.4	95.2	97.1	97.3	97.5	98.0	98.3	98.7	99.2
≥ 200		64.7	74.2	81.2	87.4	88.4	92.0	94.4	95.2	97.2	97.4	97.6	98.1	98.7	98.9	99.8
≥ 100		64.7	74.2	81.2	87.4	88.4	92.0	94.4	95.2	97.2	97.4	97.6	98.1	98.8	99.0	99.9
≥ 0		64.7	74.2	81.2	87.4	88.4	92.0	94.4	95.2	97.2	97.4	97.6	98.1	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 917

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053
STATION

FULDA GERMANY AAF
STATION NAME

61-70
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING ≥ 20000	24.5 30.7	25.3 32.0	25.7 33.0	25.7 33.0	25.7 33.0	25.8 33.1	25.8 33.1	25.8 33.1	25.8 33.1	25.8 33.1	25.8 33.1	25.8 33.1	25.8 33.1	25.8 33.1	25.8 33.1	25.8 33.1
IV 18000 16000	30.7 30.7	32.0 32.0	33.0 33.0	33.0 33.0	33.0 33.0	33.1 33.1	33.1 33.1	33.1 33.1	33.1 33.1	33.1 33.1	33.1 33.1	33.1 33.1	33.1 33.1	33.1 33.1	33.1 33.1	33.1 33.1
IV 14000 12000	31.1 32.9	32.5 34.2	33.4 35.2	33.4 35.2	33.4 35.2	33.6 35.3	33.6 35.3	33.6 35.3	33.6 35.3	33.6 35.3	33.6 35.3	33.6 35.3	33.6 35.3	33.6 35.3	33.6 35.3	33.6 35.3
IV 10000 9000	35.4 37.5	36.7 38.8	37.8 39.9	37.8 39.9	37.8 39.9	37.9 40.0	37.9 40.0	37.9 40.0	37.9 40.0	37.9 40.0	37.9 40.0	37.9 40.0	37.9 40.0	37.9 40.0	37.9 40.0	37.9 40.0
IV 8000 7000	43.5 46.5	45.0 48.2	46.3 49.6	46.3 49.6	46.3 49.6	46.9 50.1	46.9 50.2	46.9 50.2	46.9 50.2	46.9 50.2	46.9 50.2	46.9 50.2	46.9 50.2	46.9 50.2	46.9 50.2	46.9 50.2
IV 6000 5000	49.1 52.5	50.9 54.6	52.2 56.0	52.7 56.7	52.7 56.7	52.9 56.8	52.9 56.8	52.9 56.8	52.9 56.8	52.9 56.8	52.9 56.8	52.9 56.8	52.9 56.8	52.9 56.8	52.9 56.8	52.9 56.8
IV 4500 4000	54.8 59.1	56.9 61.6	58.8 63.5	59.4 64.3	59.4 64.3	59.5 64.4	59.5 64.4	59.5 64.4	59.5 64.4	59.5 64.4	59.5 64.4	59.5 64.4	59.5 64.4	59.5 64.4	59.5 64.4	59.5 64.4
IV 3500 3000	62.9 73.9	65.6 77.3	67.5 79.9	68.3 80.8	68.3 80.9	68.4 81.0	68.4 81.0	68.4 81.0	68.4 81.0	68.4 81.0	68.4 81.0	68.4 81.0	68.4 81.0	68.4 81.0	68.4 81.0	68.4 81.0
IV 2500 2000	81.7 84.1	83.2 87.9	87.9 90.8	88.8 91.8	88.9 91.9	89.0 92.1	89.0 92.1	89.0 92.1	89.0 92.1	89.0 92.1	89.0 92.1	89.0 92.1	89.0 92.1	89.0 92.1	89.0 92.1	89.0 92.1
IV 1800 1500	84.6 85.7	88.3 89.8	91.4 92.9	92.4 93.9	92.5 94.0	92.8 94.2	92.8 94.2	92.8 94.2	92.8 94.2	92.8 94.2	92.8 94.2	92.8 94.2	92.8 94.2	92.8 94.2	92.8 94.2	92.8 94.2
IV 1200 1000	87.5 88.0	92.0 92.5	93.5 96.3	96.6 97.6	96.8 97.8	97.1 98.4	97.1 98.4	97.1 98.4	97.1 98.4	97.1 98.4	97.1 98.4	97.1 98.4	97.1 98.4	97.1 98.4	97.1 98.4	97.1 98.4
IV 900 800	88.2 88.4	92.7 92.9	96.5 96.7	97.9 98.1	98.1 98.4	98.7 99.0	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1
IV 700 600	88.5 88.6	93.0 93.1	96.8 96.9	98.2 98.5	98.5 98.7	99.0 99.2	99.3 99.6	99.3 99.7	99.3 99.7	99.3 99.7	99.3 99.7	99.3 99.7	99.3 99.7	99.3 99.7	99.3 99.7	99.3 99.7
IV 500 400	88.6 88.6	93.1 93.2	97.1 97.3	98.7 98.8	99.0 99.0	99.6 99.6	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0
IV 300 200	88.6 88.6	93.2 93.2	97.3 97.3	98.8 98.8	99.0 99.0	99.6 99.6	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0
IV 100 0	88.6 88.6	93.2 93.2	97.3 97.3	98.8 98.8	99.0 99.0	99.6 99.6	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS 912

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF

61-70

YEARS

AUG

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (GMT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		40.8	31.0	31.1	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 20000		37.4	37.9	38.2	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
IV 18000		37.4	37.9	38.2	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
IV 16000		37.4	37.9	38.2	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
IV 14000		37.7	38.3	38.5	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
IV 12000		39.4	40.0	40.2	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
IV 10000		43.2	43.7	44.0	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
IV 9000		46.1	47.0	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV 8000		52.4	53.9	54.2	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IV 7000		58.8	60.8	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 6000		62.6	64.8	65.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 5000		66.7	69.0	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 4500		69.6	71.9	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 4000		72.9	75.3	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 3500		77.3	80.2	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 3000		84.3	87.6	88.5	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 2500		88.4	91.8	92.8	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 2000		90.2	93.7	95.0	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 1800		90.5	94.1	95.3	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1500		91.5	95.1	96.6	97.0	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1200		92.7	96.4	97.8	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1000		92.7	96.4	97.8	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 900		92.7	96.4	97.8	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 800		92.7	96.4	97.8	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 700		92.7	96.4	97.8	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 600		92.7	96.4	97.8	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 500		92.7	96.4	97.8	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 400		92.7	96.4	97.8	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 300		92.7	96.4	97.8	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 200		92.7	96.4	97.8	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 100		92.7	96.4	97.8	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 0		92.7	96.4	97.8	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 878

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

39053
STATION

FULDA GERMANY AAF
STATION NAME

61-7C
YEARS

1966
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-2000
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		38.0	39.4	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 20000		46.8	48.7	49.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 16000		46.8	48.7	49.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 14000		47.0	48.8	49.3	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 12000		48.8	50.7	51.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 10000		53.2	55.2	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 9000		53.7	57.9	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 8000		65.3	67.8	69.9	70.2	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 7000		70.2	72.9	75.3	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 6000		73.4	76.1	78.5	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 5000		75.6	79.0	81.5	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4500		76.8	80.1	82.7	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 4000		79.3	83.0	85.5	86.2	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3500		81.5	85.3	88.2	89.1	89.1	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3000		85.7	90.7	93.8	94.6	94.6	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2500		86.9	91.9	94.9	95.8	95.8	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000		87.7	92.9	96.1	97.0	97.0	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800		87.7	92.9	96.1	97.0	97.0	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500		88.4	93.6	96.8	97.6	97.6	97.6	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200		88.6	93.8	97.1	98.0	98.0	98.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000		88.7	93.9	97.3	98.1	98.1	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900		88.7	93.9	97.3	98.1	98.1	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800		88.9	94.3	97.6	98.5	98.5	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700		88.9	94.3	97.6	98.5	98.5	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600		88.9	94.3	97.6	98.5	98.5	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500		88.9	94.3	97.6	98.5	98.5	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400		88.9	94.3	97.6	98.5	98.5	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300		88.9	94.3	97.6	98.5	98.5	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200		88.9	94.3	97.6	98.5	98.5	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100		88.9	94.3	97.6	98.5	98.5	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0		88.9	94.3	97.6	98.5	98.5	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 594

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

33033
STATION

FULDA GERMANY AAF
STATION NAME

63, 65, 07
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		46.5	47.6	48.1	50.8	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 20000		55.1	56.7	57.2	59.9	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 18000		55.1	56.7	57.2	59.9	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 16000		55.1	56.7	57.2	59.9	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 14000		55.1	56.7	57.2	59.9	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 12000		56.1	57.8	58.3	61.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 10000		57.2	58.8	59.4	62.0	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 9000		60.4	62.6	63.1	65.8	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 8000		69.5	71.7	72.2	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 7000		73.8	76.5	77.0	79.7	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 6000		78.6	81.3	81.8	84.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 5000		81.3	84.5	85.0	86.8	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4500		81.3	85.0	85.6	85.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4000		82.4	85.6	86.1	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3500		86.1	89.3	89.8	94.1	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000		86.6	89.8	90.4	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500		88.8	92.0	92.5	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000		89.3	93.0	93.6	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800		89.8	93.0	93.6	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500		89.8	93.0	92.6	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200		90.4	93.6	94.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		90.4	93.6	94.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		90.4	93.6	94.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		90.4	93.6	94.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		90.4	93.6	94.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		90.4	93.6	94.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		90.4	93.6	94.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		90.4	93.6	94.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		90.4	93.6	94.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		90.4	93.6	94.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		90.4	93.6	94.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		90.4	93.6	94.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

187

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35093
STATION

FULDA GERMANY AAF
STATION NAME

62-65,67
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS U.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING ≥ 20000	23.2	27.6	29.2	32.4	32.4	34.6	35.1	35.1	35.1	37.8	37.8	38.9	40.0	40.0	41.6	
IV 18000	27.0	32.4	34.1	37.3	37.3	39.5	40.0	40.0	40.0	42.7	42.7	43.8	44.9	44.9	46.5	
IV 16000	27.0	32.4	34.1	37.3	37.3	39.5	40.0	40.0	40.0	42.7	42.7	43.8	44.9	44.9	46.5	
IV 14000	27.0	32.4	34.1	37.3	37.3	39.5	40.0	40.0	40.0	42.7	42.7	43.8	44.9	44.9	46.5	
IV 12000	28.6	34.1	35.7	38.9	38.9	41.1	41.6	41.6	41.6	44.3	44.3	45.4	46.5	46.5	48.1	
IV 10000	28.6	34.1	36.2	39.5	39.5	41.6	42.2	42.2	42.2	44.9	44.9	45.9	47.0	47.0	48.6	
IV 9000	30.3	36.2	38.4	43.2	43.2	45.4	45.9	45.9	45.9	48.6	48.6	49.7	50.8	50.8	52.4	
IV 8000	33.1	42.2	44.9	51.4	51.4	53.5	54.1	54.1	54.1	57.3	57.3	58.4	60.0	60.0	61.6	
IV 7000	40.0	49.2	51.9	58.4	58.4	60.5	61.1	61.1	61.1	64.3	64.3	65.4	67.0	67.0	68.6	
IV 6000	42.7	51.9	54.6	61.1	61.1	63.2	63.8	63.8	63.8	67.0	67.0	68.1	70.8	70.8	71.4	
IV 5000	46.5	55.7	58.4	64.9	64.9	67.0	67.6	67.6	67.6	70.8	70.8	71.9	73.0	73.0	74.6	
IV 4500	47.0	56.2	59.5	65.9	65.9	68.1	68.6	68.6	68.6	71.9	71.9	73.0	74.6	74.6	76.2	
IV 4000	52.4	61.6	64.9	71.4	71.4	73.5	74.1	74.1	74.1	77.8	77.8	78.9	80.5	80.5	82.2	
IV 3500	55.1	64.3	67.6	74.1	74.1	76.2	76.8	76.8	76.8	80.5	80.5	82.2	83.8	83.8	85.4	
IV 3000	55.1	64.3	67.6	74.1	74.1	76.2	76.8	76.8	76.8	80.5	80.5	82.2	83.8	83.8	85.4	
IV 2500	57.8	67.0	70.3	76.8	76.8	78.9	79.5	79.5	79.5	83.2	83.2	84.9	86.5	86.5	88.1	
IV 2000	58.9	68.1	71.4	77.8	77.8	80.0	80.5	80.5	80.5	84.3	84.3	85.4	87.0	87.0	88.6	
IV 1800	58.9	68.1	71.4	77.8	77.8	80.0	80.5	80.5	80.5	84.3	84.3	85.4	87.0	87.0	88.6	
IV 1500	58.9	68.1	71.4	77.8	77.8	80.0	80.5	80.5	80.5	84.3	84.3	85.4	87.0	87.0	88.6	
IV 1200	60.0	69.2	73.0	80.0	80.0	82.2	82.7	82.7	82.7	86.5	86.5	87.6	89.2	89.2	90.8	
IV 1000	60.0	69.2	73.0	80.0	80.0	82.2	82.7	82.7	82.7	86.5	86.5	87.6	89.2	89.2	90.8	
IV 900	62.7	72.4	75.7	82.7	82.7	84.9	85.4	85.4	85.4	89.2	89.2	90.3	91.9	91.9	93.5	
IV 800	62.7	72.4	75.7	82.7	82.7	84.9	85.4	85.4	85.4	89.2	89.2	90.3	91.9	91.9	93.5	
IV 700	62.7	72.4	75.7	82.7	82.7	84.9	85.4	85.4	85.4	89.2	89.2	90.3	91.9	91.9	93.5	
IV 600	62.7	72.4	75.7	82.7	82.7	84.9	85.4	85.4	85.4	89.2	89.2	90.3	91.9	91.9	93.5	
IV 500	62.7	72.4	75.7	82.7	82.7	84.9	85.4	85.4	85.4	89.2	89.2	90.3	91.9	91.9	93.5	
IV 400	62.7	72.4	75.7	82.7	82.7	84.9	85.4	85.4	85.4	89.2	89.2	90.3	91.9	91.9	93.5	
IV 300	62.7	72.4	75.7	82.7	82.7	84.9	85.4	85.4	85.4	89.2	89.2	90.3	91.9	91.9	93.5	
IV 200	62.7	72.4	75.7	82.7	82.7	84.9	85.4	85.4	85.4	89.2	89.2	90.3	91.9	91.9	93.5	
IV 100	62.7	72.4	75.7	82.7	82.7	84.9	85.4	85.4	85.4	89.2	89.2	90.3	91.9	91.9	93.5	
IV 0	62.7	72.4	75.7	82.7	82.7	84.9	85.4	85.4	85.4	89.2	89.2	90.3	91.9	91.9	93.5	

TOTAL NUMBER OF OBSERVATIONS 185

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

33053 FULDA GERMANY AAF

61-65,67-70

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		12.4	14.4	16.1	17.4	17.7	18.3	19.0	19.3	20.9	22.5	22.7	23.6	25.5	25.5	34.2
≥ 20000		14.9	17.2	19.0	20.4	20.6	21.3	22.0	22.2	23.9	25.5	25.7	26.8	28.7	28.7	37.6
≥ 18000		14.9	17.2	19.0	20.4	20.6	21.3	22.0	22.2	23.9	25.5	25.7	26.8	28.7	28.7	37.6
≥ 16000		14.9	17.2	19.0	20.4	20.6	21.3	22.0	22.2	23.9	25.5	25.7	26.8	28.7	28.7	37.6
≥ 14000		14.9	17.2	19.0	20.4	20.6	21.3	22.0	22.2	23.9	25.5	25.7	26.8	28.7	28.7	37.6
≥ 12000		13.8	18.1	20.0	21.3	21.6	22.2	22.9	23.2	24.5	26.4	26.6	27.8	29.6	29.6	38.5
≥ 10000		16.5	18.8	20.9	22.2	22.5	23.2	24.1	24.3	25.9	27.8	28.0	29.1	31.0	31.0	39.9
≥ 9000		16.5	18.8	21.1	22.9	23.2	24.1	25.0	25.2	26.8	28.7	29.1	30.3	32.1	32.1	41.1
≥ 8000		18.3	21.8	24.3	27.3	27.5	28.4	29.4	29.8	31.7	33.7	34.2	35.3	37.2	37.2	46.1
≥ 7000		19.5	23.9	26.6	29.4	29.6	30.5	31.4	31.9	33.7	35.8	36.2	37.4	39.2	39.2	48.2
≥ 6000		20.2	24.5	27.8	30.5	30.7	31.9	32.8	33.3	35.1	37.2	37.6	38.8	40.6	40.6	49.5
≥ 5000		23.2	28.0	31.4	34.2	34.6	35.5	36.7	37.2	39.0	41.1	41.5	42.7	44.5	44.5	53.4
≥ 4500		23.9	29.1	32.8	35.6	36.0	37.2	38.1	38.5	40.4	42.4	42.9	44.0	45.9	45.9	54.8
≥ 4000		25.0	31.0	34.9	37.6	38.1	39.2	40.1	40.6	42.7	44.7	45.2	46.3	48.2	48.2	57.1
≥ 3500		27.1	33.3	37.2	39.9	40.4	41.5	42.4	42.9	45.0	47.0	47.5	48.6	50.5	50.5	59.6
≥ 3000		29.6	36.0	39.9	42.9	43.3	44.5	45.6	46.1	48.4	50.5	50.9	52.1	53.9	53.9	63.1
≥ 2500		31.4	38.3	42.2	45.2	45.6	46.8	48.4	48.9	51.1	53.2	53.7	54.8	56.7	56.7	65.8
≥ 2000		32.8	39.9	44.0	47.2	47.7	49.1	50.7	51.4	53.7	55.7	56.4	57.6	59.6	59.6	68.8
≥ 1800		32.8	40.4	44.9	47.7	48.4	49.8	51.4	52.1	54.4	56.4	57.1	58.3	60.3	60.3	69.5
≥ 1500		33.5	41.3	45.6	48.9	49.8	51.5	53.4	54.1	56.4	58.5	59.2	60.3	62.4	62.4	71.6
≥ 1200		33.5	43.8	48.2	51.8	52.8	54.8	56.9	57.3	60.0	62.0	63.3	64.4	66.5	66.5	75.7
≥ 1000		36.9	45.2	50.2	53.9	54.8	56.9	59.2	60.6	62.8	64.9	65.6	66.7	68.8	68.8	78.0
≥ 900		37.2	46.1	51.6	55.3	56.2	58.3	60.6	61.9	64.7	66.7	67.4	68.6	70.6	70.6	79.8
≥ 800		37.8	46.8	52.3	56.0	56.7	58.9	61.5	63.1	65.8	67.9	68.6	69.7	71.8	71.8	81.0
≥ 700		37.8	47.2	52.8	56.4	57.3	59.5	61.9	63.3	66.3	68.6	69.3	70.4	72.5	72.5	81.7
≥ 600		38.3	47.7	53.7	57.3	58.3	60.5	62.8	64.4	67.2	69.5	70.2	71.3	73.6	73.6	82.8
≥ 500		38.3	47.7	53.7	57.3	58.3	60.5	62.8	64.4	67.2	69.5	70.2	71.3	73.6	73.6	82.8
≥ 400		38.3	47.7	53.7	57.3	58.3	60.5	62.8	64.4	67.2	69.5	70.2	71.3	73.6	73.6	82.8
≥ 300		38.3	47.7	53.7	57.3	58.3	60.5	62.8	64.4	67.2	69.5	70.2	71.3	73.6	73.6	82.8
≥ 200		38.3	47.7	53.7	57.3	58.3	60.5	62.8	64.4	67.2	69.5	70.2	71.3	73.6	73.6	82.8
≥ 100		38.3	47.7	53.7	57.3	58.3	60.5	62.8	64.4	67.2	69.5	70.2	71.3	73.6	73.6	82.8
≥ 0		38.3	47.7	53.7	57.3	58.3	60.5	62.8	64.4	67.2	69.5	70.2	71.3	73.6	73.6	82.8

TOTAL NUMBER OF OBSERVATIONS 436

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF
STATION STATION NAME

60-70

FEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6600-0820
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING		7.3	8.3	9.6	10.2	10.6	11.5	12.2	12.4	13.1	13.7	13.9	14.4	15.3	15.2	19.9
≥20000		8.7	10.2	11.9	12.6	13.2	14.4	15.3	15.6	16.5	17.2	17.5	18.1	19.1	19.1	25.3
IV 18000		8.7	10.2	11.9	12.6	13.2	14.4	15.3	15.6	16.5	17.2	17.5	18.1	19.1	19.1	25.3
IV 16000		8.7	10.2	11.9	12.6	13.2	14.4	15.3	15.6	16.5	17.2	17.5	18.1	19.1	19.1	25.3
IV 14000		9.4	10.9	12.6	13.3	13.9	15.1	16.0	16.3	17.2	17.9	18.2	18.8	19.8	19.8	26.0
IV 12000		9.8	11.3	13.2	13.9	14.5	15.8	16.7	17.0	17.9	18.6	18.9	19.5	20.5	20.5	26.8
IV 10000		10.9	12.4	14.5	15.4	16.1	17.2	18.6	18.8	19.9	20.6	20.9	21.5	22.6	22.6	28.9
IV 9000		11.6	13.1	15.3	17.1	17.8	19.3	20.5	20.8	21.9	22.6	22.9	23.5	24.6	24.7	31.2
IV 8000		14.3	16.1	18.7	20.7	21.6	23.5	24.8	25.4	26.3	27.5	27.8	28.5	29.6	29.7	36.5
IV 7000		15.1	17.2	19.9	22.0	23.0	25.1	26.4	27.0	28.4	29.1	29.5	30.2	31.2	31.3	38.4
IV 6000		16.4	18.7	21.5	23.7	24.9	27.0	28.3	28.9	30.4	31.1	31.5	32.2	33.2	33.3	40.5
IV 5000		17.2	19.8	22.8	25.3	26.5	28.7	29.9	30.5	32.2	32.9	33.2	33.9	35.0	35.1	42.2
IV 4500		18.2	20.9	24.1	26.5	27.8	30.1	31.7	32.3	33.9	34.6	35.0	35.7	36.7	36.8	44.0
IV 4000		20.0	22.9	26.2	29.0	30.3	32.5	34.2	34.7	36.5	37.2	37.5	38.5	39.3	39.9	47.0
IV 3500		22.5	25.8	29.2	32.0	33.5	35.8	37.4	38.0	39.8	40.5	40.8	41.8	43.0	43.2	50.5
IV 3000		25.6	29.2	32.9	35.9	37.7	40.1	42.0	42.6	44.4	45.4	45.7	46.9	48.4	48.5	56.1
IV 2500		26.4	30.3	34.3	37.4	39.3	42.1	44.0	44.8	46.7	47.6	48.0	49.1	50.6	50.8	58.4
IV 2000		28.2	32.6	37.1	40.4	42.2	45.1	47.3	48.1	49.9	50.9	51.2	52.5	54.0	54.2	61.8
IV 1800		28.3	33.0	37.5	41.2	43.0	46.1	48.2	49.0	51.0	51.9	52.3	53.6	55.1	55.2	62.6
IV 1500		30.1	34.6	39.9	43.2	45.0	48.3	50.6	51.6	53.6	54.5	54.9	56.1	57.7	57.8	65.4
IV 1200		30.8	35.4	40.6	44.7	46.9	50.2	52.9	54.4	56.4	57.5	57.9	59.3	60.8	60.9	68.5
IV 1000		31.9	36.7	42.2	46.9	49.2	52.6	55.6	57.3	59.3	60.5	60.9	62.5	64.0	64.1	71.7
IV 900		32.2	37.2	42.7	47.4	49.7	53.1	56.1	57.9	60.2	61.4	61.9	63.4	64.9	65.0	72.5
IV 800		32.2	37.5	43.0	47.8	50.3	53.7	56.8	58.6	61.2	62.5	62.9	64.4	66.0	66.1	73.7
IV 700		32.2	37.7	43.2	48.3	51.3	54.7	57.9	59.6	62.2	63.6	64.1	65.6	67.3	67.4	75.2
IV 600		32.2	37.7	43.3	48.8	51.6	55.2	58.5	60.2	62.8	64.2	64.7	66.2	68.0	68.1	75.9
IV 500		32.3	37.8	43.4	49.0	51.9	55.6	58.8	60.7	63.3	64.8	65.3	67.3	69.1	69.2	77.3
IV 400		32.3	37.8	43.4	49.0	51.9	55.6	58.8	60.8	63.7	65.1	65.5	67.4	69.2	69.4	77.4
IV 300		32.3	37.8	43.4	49.0	51.9	55.6	58.8	60.8	63.7	65.1	65.5	67.4	69.2	69.4	77.4
IV 200		32.3	37.8	43.4	49.0	51.9	55.6	58.8	60.8	63.7	65.1	65.5	67.4	69.2	69.4	77.4
IV 100		32.3	37.8	43.4	49.0	51.9	55.6	58.8	60.8	63.7	65.1	65.5	67.4	69.2	69.4	77.4
IV 0		32.3	37.8	43.4	49.0	51.9	55.6	58.8	60.8	63.7	65.1	65.5	67.4	69.2	69.4	77.4

TOTAL NUMBER OF OBSERVATIONS 835

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

39053 FULDA GERMANY AAF

60-76

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ ⅓	≥ ⅒	≥ ⅛	≥ 0
NO CEILING ≥ 20000		13.1	15.0	17.3	20.3	21.0	23.0	24.6	25.2	25.8	26.6	26.7	27.1	27.4	27.8	28.6	
≥ 18000		16.3	18.7	21.5	23.0	23.7	27.8	29.6	30.6	31.1	32.1	32.2	32.7	33.2	33.3	34.4	
≥ 16000		16.3	18.7	21.5	23.0	23.7	27.8	29.6	30.6	31.1	32.1	32.2	32.7	33.2	33.3	34.4	
≥ 14000		16.4	18.9	21.7	23.2	23.9	28.0	29.8	30.8	31.4	32.3	32.5	32.9	33.2	33.6	34.6	
≥ 12000		17.4	19.9	22.7	25.2	25.9	29.0	30.8	31.8	32.3	33.3	33.4	33.9	34.2	34.5	35.6	
≥ 10000		20.1	22.8	25.9	29.3	30.2	32.5	34.3	35.5	36.3	37.3	37.5	37.9	38.3	38.6	39.7	
≥ 9000		20.8	23.6	27.7	31.3	31.9	34.4	36.4	37.6	38.6	39.6	39.9	40.3	40.7	41.0	42.1	
≥ 8000		23.1	25.1	30.6	34.5	35.4	38.1	40.2	41.6	42.7	43.7	44.0	44.5	44.8	45.1	46.2	
≥ 7000		24.7	27.8	32.5	36.6	37.8	40.8	43.0	44.4	45.5	46.4	46.8	47.2	47.7	48.0	49.1	
≥ 6000		25.2	28.4	33.3	37.5	38.9	42.0	44.2	45.6	46.7	47.7	48.0	48.4	48.9	49.2	50.3	
≥ 5000		25.7	28.9	33.8	38.0	39.7	42.8	45.7	47.1	48.2	49.4	49.7	50.2	50.6	50.9	52.0	
≥ 4500		26.9	30.4	35.3	39.7	41.4	44.6	47.8	49.2	50.4	51.5	51.8	52.2	52.7	53.0	54.1	
≥ 4000		28.1	31.6	36.5	40.9	42.7	46.1	49.7	51.4	52.7	53.8	54.1	54.5	55.0	55.3	56.4	
≥ 3500		29.2	32.7	37.9	42.3	44.2	47.7	51.2	53.0	54.4	55.5	55.8	56.3	56.7	57.0	58.1	
≥ 3000		31.2	34.9	40.4	44.8	46.8	50.4	54.4	56.1	57.5	58.7	59.0	59.5	59.9	60.2	61.5	
≥ 2500		33.5	39.7	45.5	49.9	52.1	56.1	60.2	61.6	63.3	64.5	64.8	65.2	65.8	66.1	67.4	
≥ 2000		39.0	43.6	49.6	54.4	56.9	61.0	65.6	67.2	68.6	69.8	70.2	70.6	71.1	71.5	72.8	
≥ 1800		40.9	45.6	51.6	56.4	58.9	63.0	67.8	69.2	70.9	71.8	72.1	72.6	73.1	73.4	74.8	
≥ 1500		43.1	48.4	54.8	59.6	62.1	66.2	70.9	72.6	74.0	75.2	75.5	76.0	76.5	76.8	78.1	
≥ 1200		44.7	50.3	57.0	62.4	64.9	69.4	74.1	75.8	77.4	78.4	78.7	79.1	79.7	80.0	81.3	
≥ 1000		45.0	51.1	58.8	64.3	67.0	71.7	76.6	78.3	79.5	80.0	81.3	81.5	82.1	82.6	83.0	
≥ 900		45.2	51.4	59.0	64.6	67.4	72.6	77.5	79.3	81.0	82.3	82.6	83.1	83.6	83.9	85.2	
≥ 800		45.4	51.6	59.5	65.0	68.0	73.3	78.3	80.4	82.1	83.4	83.7	84.3	84.8	85.1	86.4	
≥ 700		45.4	51.8	59.9	65.3	68.4	74.1	79.2	81.3	83.4	84.7	85.1	85.7	86.2	86.7	88.1	
≥ 600		45.4	52.0	60.1	65.7	68.6	74.3	79.8	82.0	84.2	85.5	85.9	86.4	87.0	87.4	88.9	
≥ 500		45.4	52.0	60.1	65.8	68.7	74.9	80.1	82.6	84.8	86.0	86.4	87.0	87.8	88.4	90.4	
≥ 400		45.4	52.0	60.1	65.8	68.7	74.9	80.1	82.6	84.8	86.0	86.4	87.0	87.8	88.4	90.4	
≥ 300		45.4	52.0	60.1	65.8	68.7	74.9	80.1	82.6	84.8	86.0	86.4	87.0	87.8	88.4	90.4	
≥ 200		45.4	52.0	60.1	65.8	68.7	74.9	80.1	82.6	84.8	86.0	86.4	87.0	87.8	88.4	90.4	
≥ 100		45.4	52.0	60.1	65.8	68.7	74.9	80.1	82.6	84.8	86.0	86.4	87.0	87.8	88.4	90.4	
≥ 0		45.4	52.0	60.1	65.8	68.7	74.9	80.1	82.6	84.8	86.0	86.4	87.0	87.8	88.4	90.4	

TOTAL NUMBER OF OBSERVATIONS 915

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF

60070

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

SEP 1953

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	≥ 0	≥ 0
NO CEILING		28.1	30.7	32.8	34.2	35.2	35.7	36.2	35.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 20000		32.8	35.5	38.4	39.9	40.9	41.4	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 18000		32.8	35.5	38.4	39.9	40.9	41.4	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 16000		33.0	35.7	38.6	40.1	41.1	41.7	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 14000		33.4	36.1	39.0	40.4	41.4	42.0	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 12000		34.8	37.7	40.6	42.1	43.1	43.7	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 10000		37.1	40.2	43.2	44.8	45.8	46.3	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 9000		38.9	42.4	45.8	47.4	48.4	49.2	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 8000		42.1	45.8	49.3	51.1	52.2	53.4	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 7000		54.1	47.9	51.5	53.3	54.4	55.8	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 6000		46.2	50.1	52.6	55.3	56.8	58.1	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 5000		47.9	51.7	55.3	57.2	58.5	60.2	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 4500		49.8	53.5	57.6	59.6	60.8	62.6	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 4000		53.3	57.4	61.4	63.5	64.7	66.9	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 3500		55.8	60.0	64.1	66.2	67.5	69.8	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 3000		63.3	67.9	72.3	74.8	76.3	78.1	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 2500		67.6	72.6	77.5	80.2	82.1	84.7	85.0	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000		70.9	75.3	81.6	84.5	86.6	89.2	90.3	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1800		71.7	77.2	82.9	85.9	87.9	90.8	91.6	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500		72.7	78.7	84.4	87.8	89.8	92.8	93.6	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200		73.1	79.3	86.0	89.7	91.9	95.0	95.7	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000		73.7	80.4	86.8	90.5	92.7	95.7	96.6	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900		73.8	80.5	86.9	90.6	93.2	96.3	97.3	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800		73.8	80.9	87.2	91.0	93.7	96.9	97.9	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700		73.9	81.1	87.5	91.3	94.0	97.2	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600		73.9	81.1	87.5	91.4	94.1	97.4	98.7	99.1	99.4	99.7	99.8	99.8	99.8	99.8	99.8
≥ 500		73.9	81.1	87.5	91.5	94.2	97.5	98.8	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400		73.9	81.1	87.5	91.5	94.2	97.5	98.8	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300		73.9	81.1	87.5	91.5	94.2	97.5	98.8	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200		73.9	81.1	87.5	91.5	94.2	97.5	98.8	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100		73.9	81.1	87.5	91.5	94.2	97.5	98.8	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0		73.9	81.1	87.5	91.5	94.2	97.5	98.8	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 893

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

39053
STATION

FULDA GERMANY AAF
STATION NAME

60-70

TABLE

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	<1	≥¾	≥½	≥¼	≥5/16	≥1/8	≥0
NO CEILING		55.1	37.0	38.2	38.8	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 20000		43.0	43.0	46.5	47.2	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
IV 18000		43.0	43.0	46.5	47.2	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
IV 16000		43.0	43.0	46.5	47.2	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
IV 14000		43.0	43.0	46.5	47.2	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
IV 12000		44.3	46.7	48.2	48.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
IV 10000		47.3	49.9	51.2	52.0	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 9000		49.2	51.6	53.4	54.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 8000		55.0	58.0	59.7	60.7	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 7000		58.2	61.1	63.1	64.1	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 6000		61.0	63.9	66.2	67.1	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 5000		62.9	66.3	68.9	70.0	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 4500		65.5	68.9	71.4	72.6	73.5	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 4000		70.1	73.7	76.2	77.4	78.3	78.3	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 3500		72.8	76.3	79.6	81.0	82.0	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 3000		79.0	83.3	86.2	87.7	88.6	89.2	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 2500		81.3	85.8	88.8	90.6	91.6	92.2	92.5	92.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9
IV 2000		82.6	87.1	90.3	92.4	93.4	94.0	94.4	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7
IV 1800		82.8	87.4	90.7	92.9	93.9	94.5	94.8	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2
IV 1500		84.0	88.6	92.2	94.6	95.8	96.4	96.7	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1
IV 1200		84.2	89.1	92.7	95.2	96.5	97.1	97.4	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8
IV 1000		84.2	89.1	92.7	95.2	96.7	97.7	98.0	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4
IV 900		84.2	89.1	92.7	95.2	96.7	97.7	98.0	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4
IV 800		84.2	89.1	93.0	95.6	97.0	97.9	98.2	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 700		84.2	89.2	93.1	95.8	97.3	98.2	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IV 600		84.2	89.3	93.3	96.1	97.8	98.7	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 500		84.3	89.6	93.4	96.3	97.9	98.8	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 400		84.3	89.6	93.4	96.3	97.9	98.8	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 300		84.3	89.6	93.4	96.3	97.9	98.8	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 200		84.3	89.6	93.4	96.3	97.9	98.8	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 100		84.3	89.6	93.4	96.3	97.9	98.8	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 0		84.3	89.6	93.4	96.3	97.9	98.8	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 354

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/*AC

CEILING VERSUS VISIBILITY

35053
STATION

FULDA GERMANY AAF
STATION NAME

01-71

YEARS

FP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2000
HOURS UTC

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING		37.4	40.6	42.3	43.2	43.6	44.0	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 20000		43.4	47.7	48.5	50.5	51.1	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 18000		43.4	47.7	49.5	50.5	51.1	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 16000		43.4	47.7	49.5	50.5	51.1	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 14000		43.4	47.7	49.5	50.5	51.1	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 12000		44.7	48.9	50.7	51.8	52.3	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 10000		48.8	53.0	54.8	56.0	56.6	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 9000		48.9	53.7	55.5	56.9	57.5	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 8000		57.5	63.2	65.5	67.6	68.1	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 7000		61.4	67.8	70.6	73.0	73.5	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 6000		64.0	71.3	74.2	76.5	77.0	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 5000		64.1	71.3	75.2	80.3	81.3	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4500		70.1	77.2	80.2	82.7	83.3	84.3	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4000		72.1	79.2	82.4	84.9	85.4	86.5	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3500		74.1	81.7	84.9	87.7	88.3	89.3	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3000		76.3	83.8	87.0	89.9	90.4	91.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2500		77.9	85.4	89.6	91.5	92.0	92.1	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2000		79.2	86.8	90.0	93.1	93.6	94.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800		79.2	86.8	90.0	93.2	93.8	94.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1500		79.9	87.5	90.9	94.1	94.7	95.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200		79.9	87.9	91.3	95.0	95.6	96.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000		79.9	87.9	91.3	95.0	95.6	96.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900		79.9	87.9	91.3	95.0	95.6	96.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800		80.1	88.1	91.5	95.4	95.9	97.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700		80.1	88.1	91.5	95.4	95.9	97.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600		80.1	88.1	91.5	95.4	95.9	97.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500		80.1	88.1	91.5	95.4	95.9	97.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400		80.1	88.1	91.5	95.4	95.9	97.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300		80.1	88.1	91.5	95.4	95.9	97.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 200		80.1	88.1	91.5	95.4	95.9	97.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 100		80.1	88.1	91.5	95.4	95.9	97.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 0		80.1	88.1	91.5	95.4	95.9	97.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 362

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AFG

CEILING VERSUS VISIBILITY

33053 FULDA GERMANY AAF
STATION STATION NAME

52-63, 65, 67

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2190-230
HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING		36.8	42.7	42.7	44.3	44.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.5	46.5
70000		40.0	47.0	47.0	48.6	48.6	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.8	50.8
18000		40.0	47.0	47.0	48.6	48.6	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.8	50.8
16000		40.0	47.0	47.0	48.6	48.6	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.8	50.8
14000		40.0	47.0	47.0	48.6	48.6	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.8	50.8
12000		40.5	47.6	47.6	49.2	49.2	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	51.4	51.4
10000		41.5	49.2	49.2	50.8	50.8	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	53.0	53.0
9000		43.8	52.4	52.4	54.1	54.1	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	56.2	56.2
8000		58.4	67.0	67.0	68.6	68.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.4	71.4
7000		61.6	71.9	72.4	74.1	74.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.8	76.8
6000		66.5	76.8	77.3	78.9	78.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.6	81.6
5000		70.8	81.1	81.6	83.2	83.2	85.4	85.9	86.5	86.5	86.5	86.5	86.5	86.5	87.0	87.0
4500		72.4	82.7	83.2	84.9	84.9	87.0	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.6	88.6
4000		74.6	84.9	85.4	87.0	87.0	89.2	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.8	90.8
3500		75.1	85.4	85.9	87.6	87.6	89.7	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.9	91.9
3000		75.7	85.9	86.5	88.1	88.1	90.3	91.4	91.9	92.4	92.4	92.4	92.4	92.4	92.9	92.9
2500		76.2	87.0	87.6	89.2	89.2	91.4	92.4	93.0	93.5	93.5	93.5	93.5	93.5	94.1	94.1
2000		76.2	87.6	88.1	89.7	89.7	91.9	93.0	93.5	94.1	94.6	94.6	94.6	94.6	95.1	95.1
1800		76.2	87.6	88.1	89.7	89.7	91.9	93.0	93.5	94.1	94.6	94.6	94.6	94.6	95.1	95.1
1500		76.8	88.6	89.2	90.8	90.8	93.0	94.1	94.6	95.1	95.7	95.7	95.7	95.7	96.2	96.2
1200		77.8	90.3	91.9	93.5	93.5	95.7	96.8	97.3	97.8	98.4	98.4	98.4	98.4	98.9	98.9
1000		77.8	90.3	91.9	93.5	93.5	95.7	96.8	97.3	97.8	98.4	98.4	98.4	98.4	98.9	98.9
900		77.8	90.3	91.9	93.5	93.5	95.7	96.8	97.3	97.8	98.4	98.4	98.4	98.4	98.9	98.9
800		77.8	90.3	91.9	93.5	93.5	95.7	96.8	97.3	97.8	98.4	98.4	98.4	98.4	98.9	98.9
700		77.8	90.3	91.9	93.5	93.5	95.7	96.8	97.3	97.8	98.4	98.4	98.4	98.4	98.9	98.9
600		77.8	90.3	91.9	93.5	93.5	95.7	96.8	97.3	97.8	98.4	98.4	98.4	98.4	98.9	98.9
500		77.8	90.3	91.9	93.5	93.5	95.7	96.8	97.3	97.8	98.4	98.4	98.4	98.4	98.9	98.9
400		77.8	90.3	91.9	93.5	93.5	95.7	96.8	97.3	97.8	98.4	98.4	98.4	98.4	98.9	98.9
300		77.8	90.3	91.9	93.5	93.5	95.7	96.8	97.3	97.8	98.4	98.4	98.4	98.4	98.9	98.9
200		77.8	90.3	91.9	93.5	93.5	95.7	96.8	97.3	97.8	98.4	98.4	98.4	98.4	98.9	98.9
100		77.8	90.3	91.9	93.5	93.5	95.7	96.8	97.3	97.8	98.4	98.4	98.4	98.4	98.9	98.9
0		77.8	90.3	91.9	93.5	93.5	95.7	96.8	97.3	97.8	98.4	98.4	98.4	98.4	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 185

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF

05, 67

YEARS

CI

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

020-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		34.4	39.8	40.3	45.7	46.2	47.3	48.4	48.4	48.9	48.9	49.5	50.5	50.5	50.5	53.2
IV 20000		35.5	41.4	41.9	47.3	47.8	48.9	50.0	50.5	51.1	51.1	51.6	52.7	52.7	52.7	56.5
IV 18000		35.5	41.4	41.9	47.3	47.8	48.9	50.0	50.5	51.1	51.1	51.6	52.7	52.7	52.7	56.5
IV 16000		35.5	41.4	41.9	47.3	47.8	48.9	50.0	50.5	51.1	51.1	51.6	52.7	52.7	52.7	56.5
IV 14000		35.5	41.4	41.9	47.3	47.8	48.9	50.0	50.5	51.1	51.1	51.6	52.7	52.7	52.7	56.5
IV 12000		35.5	41.4	41.9	47.3	47.8	48.9	50.0	50.5	51.1	51.1	51.6	52.7	52.7	52.7	56.5
IV 10000		35.5	41.9	43.0	48.4	48.9	50.0	51.1	51.6	52.2	52.2	52.7	53.8	53.8	53.8	57.5
IV 9000		37.6	44.1	45.2	50.5	51.1	52.2	53.2	53.8	54.3	54.3	54.8	55.9	55.9	55.9	59.7
IV 8000		40.9	48.4	49.5	54.8	55.4	56.5	57.5	58.1	58.6	58.6	59.1	60.2	60.2	60.2	64.0
IV 7000		43.5	51.1	52.2	57.5	58.1	59.1	60.2	60.8	61.3	61.3	61.8	62.9	62.9	62.9	66.7
IV 6000		44.6	52.2	53.2	58.6	59.1	60.2	61.3	61.8	62.4	62.4	62.9	64.0	64.0	64.0	67.7
IV 5000		44.6	52.2	53.2	59.1	59.7	60.8	61.8	62.4	62.9	62.9	63.4	64.5	64.5	64.5	68.3
IV 4500		46.8	54.3	55.4	61.3	61.8	62.9	64.0	64.5	65.1	65.1	65.6	66.7	66.7	66.7	70.4
IV 4000		51.1	58.6	59.7	66.7	67.7	68.8	69.9	70.4	71.0	71.0	71.5	72.6	72.6	72.6	76.3
IV 3500		51.1	58.6	59.7	66.7	67.7	68.8	69.9	70.4	71.0	71.0	71.5	72.6	72.6	72.6	76.3
IV 3000		51.1	58.6	59.7	67.2	68.2	69.3	70.4	71.0	71.5	71.5	72.0	73.1	73.1	73.1	76.9
IV 2500		52.7	61.3	62.4	69.9	71.5	72.6	73.7	74.2	74.7	74.7	75.3	76.3	76.3	76.3	80.6
IV 2000		53.2	61.8	62.9	70.4	72.0	73.1	74.2	74.7	75.3	75.3	75.8	76.9	76.9	76.9	81.2
IV 1800		55.4	64.0	65.1	72.6	74.2	75.3	76.3	76.9	77.4	77.4	78.0	79.0	79.0	79.0	83.3
IV 1500		58.6	67.2	68.3	75.8	77.4	78.5	79.6	80.1	80.6	80.6	81.2	82.2	82.2	82.2	86.6
IV 1200		58.6	67.2	68.3	75.8	77.4	78.5	79.6	80.1	80.6	80.6	81.2	82.2	82.2	82.2	86.6
IV 1000		60.2	68.8	69.9	77.4	79.0	80.6	81.7	82.3	82.8	82.8	83.3	84.4	84.4	84.4	88.7
IV 900		60.2	68.8	69.9	77.4	79.0	80.6	81.7	82.3	82.8	82.8	83.3	84.4	84.4	84.4	88.7
IV 800		60.2	68.8	69.9	77.4	79.0	80.6	81.7	82.3	82.8	82.8	83.3	84.4	84.4	84.4	88.7
IV 700		60.2	68.8	69.9	77.4	79.0	80.6	81.7	82.3	82.8	82.8	83.3	84.4	84.4	84.4	88.7
IV 600		60.2	68.8	69.9	77.4	79.0	80.6	81.7	82.3	82.8	82.8	83.3	84.4	84.4	84.4	88.7
IV 500		60.2	68.8	71.0	80.6	82.2	83.9	84.9	85.5	86.0	86.0	86.6	87.6	87.6	87.6	91.9
IV 400		60.2	68.8	71.0	80.6	82.2	83.9	84.9	85.5	86.0	86.0	86.6	87.6	87.6	87.6	91.9
IV 300		60.2	68.8	71.0	80.6	82.2	83.9	84.9	85.5	86.0	86.0	86.6	87.6	87.6	87.6	91.9
IV 200		60.2	68.8	71.0	80.6	82.2	83.9	84.9	85.5	86.0	86.0	86.6	87.6	87.6	87.6	91.9
IV 100		60.2	68.8	71.0	80.6	82.2	83.9	84.9	85.5	86.0	86.0	86.6	87.6	87.6	87.6	91.9
IV 0		60.2	68.8	71.0	80.6	82.2	83.9	84.9	85.5	86.0	86.0	86.6	87.6	87.6	87.6	91.9

TOTAL NUMBER OF OBSERVATIONS 136

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF
STATION STATION NAME

01-65,67-70
YEAR

CT
WORTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		15.3	19.2	20.8	22.2	22.9	23.8	24.0	24.7	25.6	26.5	27.0	28.1	28.8	29.5	33.6
≥ 20000		15.8	19.9	21.5	23.3	24.0	25.2	25.4	26.1	27.2	28.1	28.6	30.2	31.1	31.8	35.9
IV 18000		15.8	19.9	21.5	23.3	24.0	25.2	25.4	26.1	27.2	28.1	28.6	30.2	31.1	31.8	35.9
IV 16000		15.8	19.9	21.5	23.3	24.0	25.2	25.4	26.1	27.2	28.1	28.6	30.2	31.1	31.8	35.9
IV 14000		15.8	19.9	21.7	23.6	24.3	25.4	25.6	26.3	27.3	28.4	28.8	30.4	31.4	32.0	36.2
IV 12000		16.2	20.4	22.4	24.3	24.9	26.1	26.3	27.0	28.1	29.1	29.5	31.1	32.0	32.7	36.9
IV 10000		17.2	21.3	23.6	25.6	26.3	27.7	27.9	28.6	29.7	30.7	31.1	32.7	33.6	34.3	38.4
IV 9000		17.8	22.0	24.3	26.3	27.0	28.4	28.6	29.3	30.4	31.4	31.8	33.4	34.3	35.0	39.1
IV 8000		19.2	23.3	25.6	27.7	28.4	30.0	30.2	30.9	32.0	33.0	33.4	35.0	36.2	37.1	41.2
IV 7000		21.1	26.1	28.6	30.7	31.4	33.0	33.2	33.9	35.0	35.9	36.4	38.0	39.1	40.0	44.4
IV 6000		21.3	26.3	28.8	30.9	31.6	33.2	33.4	34.1	35.2	36.2	36.6	38.2	39.4	40.3	44.6
IV 5000		24.0	29.1	31.8	33.9	34.6	36.2	36.6	37.3	38.4	39.4	39.8	41.4	42.6	43.5	47.8
IV 4500		24.7	29.7	32.5	34.8	35.5	37.1	37.8	38.4	39.6	40.5	41.0	42.6	43.7	44.6	49.0
IV 4000		26.5	31.6	34.6	37.1	37.8	39.4	40.0	40.7	41.9	42.8	43.2	44.9	46.0	46.9	51.3
IV 3500		27.9	33.6	37.1	39.8	40.5	42.3	43.0	43.7	44.9	45.8	46.2	47.8	49.0	49.9	54.2
IV 3000		28.4	34.1	37.5	40.3	41.2	43.3	44.2	44.9	46.0	46.9	47.4	49.0	50.1	51.0	55.8
IV 2500		29.7	35.5	39.1	42.1	43.2	45.3	46.2	46.9	48.1	49.0	49.4	51.0	52.2	53.1	57.9
IV 2000		32.7	39.6	43.9	46.9	48.1	50.3	51.0	51.7	53.3	54.2	54.7	56.3	57.4	58.4	63.2
IV 1800		34.1	41.0	45.8	48.7	49.9	52.2	52.9	53.3	55.4	56.3	56.8	58.4	59.5	60.4	65.2
IV 1500		35.0	42.8	48.3	51.5	52.7	55.3	57.2	58.1	60.2	61.1	61.6	63.2	64.3	65.2	70.0
IV 1200		35.2	43.0	49.0	52.2	53.8	57.4	58.4	59.3	61.3	62.2	62.7	64.3	65.4	66.4	71.2
IV 1000		36.2	43.9	50.3	53.8	55.4	59.3	60.2	61.1	63.2	64.1	64.5	66.1	67.3	68.2	73.0
IV 900		36.2	43.9	50.6	54.0	55.6	59.3	60.6	61.6	63.6	64.5	65.0	66.6	67.7	68.6	73.5
IV 800		36.4	44.2	51.3	54.9	56.5	60.4	61.6	62.7	64.8	65.7	66.1	67.7	68.9	69.8	74.6
IV 700		36.4	44.2	51.7	56.1	57.7	61.6	62.7	63.8	65.9	66.8	67.3	68.9	70.0	70.9	75.7
IV 600		37.1	44.9	52.4	56.8	58.4	62.0	63.6	64.8	66.8	67.7	68.2	69.8	70.9	71.9	76.7
IV 500		37.1	45.3	52.9	57.2	58.8	62.5	64.8	65.9	68.0	68.9	69.3	70.9	72.1	73.0	77.8
IV 400		37.1	45.3	52.9	57.2	58.8	62.5	64.8	66.1	68.9	69.8	70.3	72.1	73.2	74.1	79.4
IV 300		37.1	45.3	52.9	57.2	58.8	62.5	64.8	66.6	69.8	70.9	71.4	73.2	74.6	75.7	80.1
IV 200		37.1	45.3	52.9	57.2	58.8	62.5	64.8	66.6	69.8	70.9	71.4	73.2	74.6	76.0	80.2
IV 100		37.1	45.3	52.9	57.2	58.8	62.5	64.8	66.6	69.8	70.9	71.4	73.2	74.6	76.0	80.2
IV 0		37.1	45.3	52.9	57.2	58.8	62.5	64.8	66.6	69.8	70.9	71.4	73.2	74.6	76.0	100.0

TOTAL NUMBER OF OBSERVATIONS 437

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

35053 FULDA GERMANY AAF
STATION STATION NAME

60-70

YEARS

CT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0000
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING		7.7	9.6	10.4	10.7	11.2	12.3	12.7	12.8	13.4	13.7	13.9	14.0	15.0	15.1	17.7
≥ 20000		9.7	12.0	12.9	13.4	14.0	15.3	15.6	16.1	16.7	17.1	17.3	17.4	18.5	18.6	21.4
IV 18000		9.7	12.0	12.9	13.4	14.0	15.3	15.6	16.1	16.7	17.1	17.3	17.4	18.5	18.6	21.4
IV 16000		9.8	12.1	13.0	13.5	14.1	15.4	15.7	16.2	16.9	17.2	17.4	17.5	18.5	18.7	21.7
IV 14000		9.8	12.1	13.0	13.7	14.2	15.5	15.9	16.3	17.0	17.3	17.5	17.6	18.7	18.8	21.9
IV 12000		10.2	12.6	13.4	14.1	14.6	16.0	16.3	16.7	17.4	17.7	18.0	18.1	19.3	19.4	22.4
IV 10000		10.9	13.3	14.4	15.4	16.0	17.3	18.0	18.4	19.1	19.5	19.8	19.9	21.4	21.5	24.7
IV 9000		10.9	13.3	14.4	15.5	16.1	17.4	18.1	18.5	19.2	19.6	19.9	20.0	21.5	21.6	24.9
IV 8000		14.0	16.7	18.1	19.3	19.9	21.5	22.4	23.0	23.7	24.1	24.4	24.6	26.0	26.3	29.8
IV 7000		14.9	18.0	19.4	20.6	21.3	23.0	23.9	24.7	25.3	25.9	26.2	26.3	27.8	28.2	31.7
IV 6000		15.1	18.7	20.2	21.4	22.0	23.8	24.7	25.4	25.9	26.7	27.0	27.1	28.5	29.0	32.5
IV 5000		17.3	21.0	22.8	24.0	24.8	26.5	27.4	28.3	29.0	29.5	29.8	30.0	31.4	31.8	35.5
IV 4500		18.5	22.5	24.4	25.7	26.7	28.4	29.3	30.2	30.8	31.4	31.7	31.8	33.4	33.8	37.4
IV 4000		20.2	24.9	27.0	28.4	29.4	31.6	32.6	33.5	34.1	34.7	35.0	35.1	36.8	37.2	41.0
IV 3500		21.1	26.3	28.6	30.2	31.4	33.8	34.9	35.8	36.3	37.0	37.3	37.4	39.1	39.5	43.3
IV 3000		23.1	28.7	31.1	32.6	33.8	36.5	37.8	38.8	39.4	40.0	40.3	40.4	42.1	42.5	46.4
IV 2500		24.6	30.8	33.6	35.1	36.5	39.5	40.9	41.9	42.5	43.4	43.8	44.3	45.9	46.4	50.2
IV 2000		26.7	33.4	36.5	38.1	39.5	42.6	44.4	45.4	46.0	46.9	47.4	47.8	49.4	49.9	53.7
IV 1800		27.4	34.1	37.3	39.0	40.9	43.9	45.8	46.8	47.3	48.3	48.8	49.2	51.0	51.4	55.3
IV 1500		30.0	37.3	41.2	43.6	45.7	49.2	51.5	52.9	53.6	54.5	55.0	55.5	57.3	57.7	61.6
IV 1200		30.9	38.9	43.2	45.9	48.0	51.7	54.3	55.3	56.1	56.9	57.4	57.9	59.7	60.1	64.0
IV 1000		31.7	40.0	44.3	47.6	49.9	53.6	56.3	57.3	58.0	58.9	59.4	60.0	61.8	62.2	66.1
IV 900		31.9	40.5	45.3	48.8	51.1	54.7	57.5	58.5	59.3	60.1	60.6	61.2	63.0	63.4	67.3
IV 800		32.3	41.1	46.0	49.9	52.3	55.9	58.8	59.8	60.6	61.5	62.0	62.7	64.4	64.9	68.8
IV 700		32.4	41.2	46.3	50.2	52.9	56.5	59.5	60.6	61.5	62.3	62.9	63.5	65.3	65.7	69.7
IV 600		32.5	41.3	46.9	51.0	53.6	57.3	60.4	61.5	62.4	63.4	64.1	64.8	66.5	67.0	70.9
IV 500		32.5	41.3	47.1	51.3	54.2	57.3	61.3	62.6	63.7	64.6	65.4	66.2	68.0	68.4	72.4
IV 400		32.5	41.3	47.2	51.4	54.5	58.5	62.2	63.4	64.9	66.0	66.9	67.7	70.0	70.5	75.0
IV 300		32.5	41.3	47.2	51.4	54.5	58.6	62.3	63.5	65.0	66.7	67.7	68.7	71.1	71.7	80.4
IV 200		32.5	41.3	47.2	51.4	54.6	58.7	62.4	63.7	65.1	66.9	67.8	68.8	71.5	72.0	86.0
IV 100		32.5	41.3	47.2	51.4	54.6	58.7	62.4	63.7	65.1	66.9	67.8	68.8	71.5	72.0	93.4
IV 0		32.5	41.3	47.2	51.4	54.6	58.7	62.4	63.7	65.1	66.9	67.8	68.8	71.5	72.0	100.0

TOTAL NUMBER OF OBSERVATIONS 908

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF
STATION STATION NAME

60-70

YEARS

CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥0.16	≥0
NO CEILING		9.4	10.5	12.3	13.8	14.7	15.8	16.5	17.6	18.1	18.2	18.5	18.5	18.8	18.8	20.1
≥ 20000		11.7	13.3	15.4	17.1	18.1	19.9	20.6	21.9	22.6	22.7	22.9	22.9	23.4	23.4	25.0
≥ 18000		11.7	13.3	15.4	17.1	18.1	19.9	20.6	21.9	22.6	22.7	22.9	22.9	23.4	23.4	25.0
≥ 16000		11.7	13.3	15.4	17.1	18.1	19.9	20.6	21.9	22.6	22.7	22.9	22.9	23.4	23.4	25.0
≥ 14000		11.7	13.3	15.4	17.2	18.2	20.0	20.7	22.0	22.7	22.8	23.1	23.1	23.6	23.6	25.3
≥ 12000		11.8	13.4	15.6	17.4	18.7	20.5	21.2	22.7	23.4	23.5	23.9	23.9	24.4	24.4	26.2
≥ 10000		13.4	15.0	17.6	19.8	21.1	23.0	23.9	25.4	26.1	26.2	26.5	26.6	27.1	27.1	28.7
≥ 9000		14.0	15.6	18.3	20.8	22.2	24.3	25.3	26.8	27.6	27.7	28.7	28.8	28.6	28.6	30.3
≥ 8000		15.6	18.8	21.8	24.6	26.2	28.3	29.5	31.1	31.9	32.1	32.4	32.5	33.0	33.0	34.7
≥ 7000		18.2	21.0	24.1	26.8	28.5	30.7	31.8	33.4	34.4	34.7	35.7	35.1	35.6	35.6	37.2
≥ 6000		18.9	21.6	24.7	27.5	29.4	31.6	32.8	34.5	35.5	35.8	36.1	36.2	36.7	36.7	38.3
≥ 5000		20.3	23.2	26.5	29.8	31.5	33.8	35.3	36.9	37.9	38.2	38.5	38.6	39.1	39.1	40.8
≥ 4500		21.1	24.3	27.5	30.8	32.5	34.9	36.3	37.9	39.0	39.6	39.9	40.0	40.5	40.5	42.1
≥ 4000		23.5	27.0	30.4	34.0	35.9	38.6	40.2	42.0	43.1	43.6	43.9	44.0	44.8	44.8	46.5
≥ 3500		24.7	28.1	31.7	35.4	37.2	40.0	41.5	43.3	44.4	45.0	45.3	45.4	46.1	46.1	47.8
≥ 3000		27.0	30.7	34.9	38.8	40.7	43.8	45.5	47.3	48.4	49.0	49.4	49.5	50.3	50.3	52.0
≥ 2500		28.6	33.0	37.5	41.7	43.5	46.9	48.6	50.6	51.8	52.7	53.1	53.2	54.0	54.0	55.8
≥ 2000		31.1	35.8	40.5	45.0	46.9	50.3	52.1	54.0	55.5	56.5	56.9	57.2	58.1	58.1	59.8
≥ 1800		32.3	37.1	41.9	46.4	48.3	51.9	53.8	55.9	57.3	58.3	58.7	59.0	59.9	59.9	61.7
≥ 1500		35.1	40.5	46.4	51.4	53.7	57.4	59.4	61.6	63.0	64.0	64.4	64.7	65.6	65.6	67.4
≥ 1200		35.8	42.5	48.9	54.2	56.7	60.6	62.8	64.9	66.4	67.4	67.8	68.1	69.1	69.1	70.8
≥ 1000		37.6	43.9	51.0	56.6	59.2	63.2	66.0	68.1	69.6	70.9	71.4	71.7	72.7	72.7	74.4
≥ 900		37.9	44.3	51.5	57.2	59.8	64.0	66.8	68.9	70.4	71.0	72.2	72.5	73.5	73.5	75.2
≥ 800		38.3	44.8	52.0	57.8	60.8	64.9	67.7	69.8	71.5	72.9	73.4	73.7	74.7	74.7	76.5
≥ 700		38.6	45.1	52.6	58.6	61.7	66.0	68.9	71.0	72.8	74.2	74.8	75.1	76.1	76.1	77.9
≥ 600		38.7	45.4	53.3	59.4	62.7	67.5	70.8	73.2	75.2	76.7	77.4	77.7	78.8	78.8	80.6
≥ 500		38.7	45.6	53.6	59.9	63.5	68.6	72.1	74.7	76.9	78.7	79.5	79.8	81.1	81.1	83.1
≥ 400		38.7	45.7	53.7	60.0	63.6	68.9	72.5	75.4	77.9	80.2	81.1	81.4	82.8	82.8	84.7
≥ 300		38.7	45.7	53.7	60.0	63.7	69.0	72.6	75.5	78.0	80.3	81.2	81.5	84.4	84.4	86.5
≥ 200		38.7	45.7	53.7	60.0	63.7	69.0	72.6	75.5	78.0	80.4	81.3	81.7	84.5	84.5	86.5
≥ 100		38.7	45.7	53.7	60.0	63.7	69.0	72.6	75.5	78.0	80.4	81.3	81.7	84.5	84.5	86.5
≥ 0		38.7	45.7	53.7	60.0	63.7	69.0	72.6	75.5	78.0	80.4	81.3	81.7	84.5	84.5	86.5

TOTAL NUMBER OF OBSERVATIONS 981

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF
STATION STATION NAME

60-76

YEARS

CT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5,16	≥¼
NO CEILING		20.8	23.5	27.8	30.3	31.8	33.1	34.0	34.3	34.5	34.7	34.7	34.7	34.7	34.8	34.9
≥ 20000		24.8	28.0	32.4	35.2	36.9	38.2	39.3	40.0	40.2	40.4	40.4	40.5	40.6	40.6	40.7
IV 18000		24.8	28.0	32.4	35.2	36.9	38.2	39.3	40.0	40.2	40.4	40.4	40.5	40.6	40.6	40.7
IV 16000		24.8	28.0	32.4	35.2	36.9	38.2	39.3	40.0	40.2	40.4	40.4	40.5	40.6	40.6	40.7
IV 14000		25.1	28.6	33.1	35.8	37.6	38.8	40.1	40.6	40.8	41.0	41.0	41.1	41.2	41.2	41.3
IV 12000		25.5	29.2	33.6	36.3	38.1	39.3	40.7	41.2	41.5	41.7	41.7	41.8	41.9	41.9	42.0
IV 10000		27.3	31.1	35.6	38.4	40.2	41.6	42.8	43.3	43.5	43.8	43.8	43.9	44.0	44.0	44.1
IV 9000		28.8	32.5	37.4	40.2	42.1	43.2	45.0	45.5	45.8	46.0	46.0	46.1	46.2	46.2	46.3
IV 8000		31.0	34.9	40.1	43.0	44.9	46.0	47.8	48.4	48.6	48.8	48.8	48.9	49.0	49.0	49.1
IV 7000		31.9	36.1	41.7	44.8	46.7	48.4	49.7	50.3	50.5	50.7	50.7	50.8	50.9	50.9	51.0
IV 6000		32.6	36.9	42.6	45.8	47.8	49.5	50.9	51.4	51.6	51.8	51.8	51.9	52.0	52.0	52.2
IV 5000		33.6	38.6	44.5	47.7	49.9	51.6	53.0	53.5	53.7	53.9	53.9	54.0	54.1	54.1	54.2
IV 4500		34.3	39.3	45.2	48.6	50.8	52.5	53.8	54.4	54.7	55.0	55.0	55.1	55.2	55.2	55.3
IV 4000		37.6	43.0	49.3	52.8	55.2	57.1	58.4	59.0	59.3	59.6	59.6	59.7	59.8	59.8	59.9
IV 3500		39.2	44.7	51.1	54.6	57.0	58.9	60.2	60.8	61.1	61.4	61.4	61.5	61.6	61.6	61.7
IV 3000		43.8	49.6	56.8	60.4	62.9	64.8	66.3	66.8	67.2	67.5	67.5	67.6	67.7	67.7	67.8
IV 2500		47.1	53.4	60.9	64.5	66.9	68.0	70.7	71.5	72.0	72.4	72.6	72.6	72.6	72.6	72.7
IV 2000		50.3	57.1	64.7	68.7	71.1	74.1	75.9	76.7	77.2	77.6	77.6	77.8	77.9	77.9	78.0
IV 1800		51.0	58.0	66.0	70.1	72.6	75.6	77.3	78.2	78.8	79.2	79.2	79.3	79.4	79.4	79.5
IV 1500		53.4	62.0	70.4	74.7	77.3	80.3	82.2	83.0	83.6	84.1	84.1	84.2	84.3	84.3	84.4
IV 1200		54.9	64.0	72.9	77.8	80.4	83.7	85.6	86.3	87.2	87.7	87.7	87.8	87.9	87.9	88.0
IV 1000		55.3	64.6	74.2	79.1	81.8	85.6	87.5	88.3	89.2	89.7	89.7	89.8	89.9	89.9	90.0
IV 900		55.6	65.4	75.0	80.0	82.9	86.7	88.6	89.3	90.2	90.8	90.8	90.9	91.0	91.0	91.1
IV 800		56.0	65.8	75.8	80.8	83.7	87.5	89.4	90.1	91.0	91.6	91.6	91.7	91.8	91.8	91.9
IV 700		56.3	66.2	76.3	81.1	84.0	87.8	89.7	90.4	91.3	92.2	92.8	92.8	92.9	93.0	93.1
IV 600		56.3	66.4	76.6	81.2	84.1	87.9	89.8	90.5	91.4	92.3	93.2	93.2	93.3	93.3	93.4
IV 500		56.3	66.4	76.6	81.2	84.1	87.9	89.8	90.5	91.4	92.3	93.2	93.2	93.3	93.3	93.4
IV 400		56.3	66.4	76.6	81.2	84.1	87.9	89.8	90.5	91.4	92.3	93.2	93.2	93.3	93.3	93.4
IV 300		56.3	66.4	76.6	81.2	84.1	87.9	89.8	90.5	91.4	92.3	93.2	93.2	93.3	93.3	93.4
IV 200		56.3	66.4	76.6	81.2	84.1	87.9	89.8	90.5	91.4	92.3	93.2	93.2	93.3	93.3	93.4
IV 100		56.3	66.4	76.6	81.2	84.1	87.9	89.8	90.5	91.4	92.3	93.2	93.2	93.3	93.3	93.4
IV 0		56.3	66.4	76.6	81.2	84.1	87.9	89.8	90.5	91.4	92.3	93.2	93.2	93.3	93.3	93.4

TOTAL NUMBER OF OBSERVATIONS 953

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

38053 FULDA GERMANY AAF
STATION STATION NAME

60-70

YEARS

CT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	26.1 30.4	29.4 33.7	33.4 38.1	35.5 40.4	36.3 41.3	37.5 42.5	38.1 43.1	38.1 43.1	38.2 43.2	38.4 43.4	38.4 43.4	38.4 43.4	38.6 43.6	38.6 43.6	38.6 43.6	38.6 43.6
≥ 18000 ≥ 16000	30.4 30.5	33.7 33.8	38.1 38.3	40.4 40.7	41.3 41.7	42.5 42.9	43.1 43.4	43.1 43.4	43.2 43.5	43.4 43.7	43.4 43.7	43.4 43.7	43.6 44.0	43.6 44.0	43.6 44.0	43.6 44.0
≥ 14000 ≥ 12000	31.1 32.3	34.6 35.9	39.2 40.5	41.6 43.0	42.5 44.0	43.7 45.2	44.3 45.7	44.3 45.7	44.4 45.8	44.6 46.0	44.6 46.0	44.6 46.0	44.8 46.2	44.8 46.2	44.8 46.2	44.8 46.2
≥ 10000 ≥ 9000	35.0 35.8	38.7 39.6	43.4 44.4	45.9 46.9	47.1 48.1	48.3 49.4	48.9 49.9	48.9 49.9	49.0 50.1	49.2 50.3	49.2 50.3	49.2 50.3	49.4 50.5	49.4 50.5	49.4 50.5	49.4 50.5
≥ 8000 ≥ 7000	37.2 39.5	41.1 43.5	45.9 48.7	48.5 51.4	49.7 52.6	51.4 54.2	51.9 54.7	51.9 54.7	52.0 54.8	52.2 55.1	52.2 55.1	52.2 55.1	52.4 55.3	52.4 55.3	52.4 55.3	52.4 55.3
≥ 6000 ≥ 5000	41.8 43.5	45.8 47.6	51.0 53.2	53.6 55.8	54.8 57.1	56.5 58.8	57.0 59.3	57.0 59.3	57.1 59.4	57.3 59.6	57.3 59.6	57.3 59.6	57.6 59.8	57.6 59.8	57.6 59.8	57.6 59.8
≥ 4500 ≥ 4000	45.6 49.0	49.8 53.4	55.9 59.6	58.5 62.6	59.8 64.0	61.5 65.6	62.0 66.4	62.0 66.4	62.1 66.5	62.4 66.7	62.4 66.7	62.4 66.7	62.6 66.9	62.6 66.9	62.6 66.9	62.6 66.9
≥ 3500 ≥ 3000	50.6 54.7	55.9 60.6	62.1 67.1	65.1 70.2	66.5 71.8	68.1 73.6	68.9 74.5	68.9 74.5	69.0 74.6	69.2 74.9	69.2 74.9	69.2 74.9	69.4 75.1	69.4 75.1	69.4 75.1	69.4 75.1
≥ 2500 ≥ 2000	56.8 59.6	63.1 66.4	70.4 74.2	73.7 77.6	75.4 79.4	77.3 81.4	78.6 83.0	78.6 83.0	78.7 83.1	79.0 83.5	79.0 83.5	79.0 83.5	79.2 83.7	79.2 83.7	79.2 83.7	79.2 83.7
≥ 1800 ≥ 1500	59.8 62.1	66.9 70.0	75.2 79.3	78.6 82.7	80.4 84.5	82.4 86.7	84.1 88.5	84.2 88.7	84.4 89.1	84.7 89.3	84.7 89.3	84.7 89.3	84.9 89.6	84.9 89.6	84.9 89.6	84.9 89.6
≥ 1200 ≥ 1000	63.2 63.3	71.5 71.6	81.5 81.8	85.0 85.4	86.8 87.4	89.4 90.4	91.5 92.7	91.7 92.9	92.3 93.3	92.7 93.9	92.7 93.9	92.8 94.0	93.0 94.2	93.0 94.2	93.0 94.2	93.0 94.2
≥ 900 ≥ 800	63.3 63.7	71.7 72.3	82.3 82.8	85.9 86.5	87.5 88.8	91.0 92.1	93.3 94.3	93.5 94.6	94.0 95.1	94.5 95.5	94.5 95.5	94.7 95.8	94.9 96.0	94.9 96.0	94.9 96.0	94.9 96.0
≥ 700 ≥ 600	63.7 63.7	72.3 72.5	83.1 83.1	87.1 87.1	89.3 89.3	92.8 93.0	95.1 95.4	95.3 95.6	95.7 96.2	96.4 96.8	96.4 96.8	96.6 97.1	96.8 97.2	96.8 97.4	96.8 97.4	96.8 97.4
≥ 500 ≥ 400	63.8 63.8	72.6 72.6	83.4 83.4	87.3 87.3	89.9 89.9	93.8 93.8	96.5 96.5	96.7 96.7	97.4 97.4	98.0 98.0	98.0 98.0	98.4 98.4	98.6 98.6	98.8 98.8	98.8 98.8	98.8 98.8
≥ 300 ≥ 200	63.8 63.8	72.6 72.6	83.4 83.4	87.3 87.3	89.9 89.9	94.3 94.3	97.1 97.1	97.3 97.3	98.0 98.0	98.7 98.7	98.7 98.7	99.0 99.0	99.2 99.2	99.5 99.5	99.5 99.5	99.6 99.6
≥ 100 0	63.8 63.8	72.6 72.6	83.4 83.4	87.3 87.3	89.9 89.9	94.3 94.3	97.1 97.1	97.3 97.3	98.0 98.0	98.7 98.7	98.7 98.7	99.0 99.0	99.2 99.2	99.5 99.5	99.5 99.5	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS 919

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF
STATION STATION NAME

61-70

YEAR

C1
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1370-230
HOURS/EST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	½	¼	≥5/16	≥¼	≥0
NO CEILING		27.2	29.5	34.2	35.4	35.8	38.9	39.8	40.1	40.8	40.8	41.4	41.4	41.4	41.4	41.4
IV 20000		31.6	34.9	40.0	41.9	42.2	45.0	46.2	46.6	47.3	47.3	47.8	47.8	47.8	47.8	47.8
IV 18000		31.6	34.9	40.0	41.9	42.2	45.0	46.2	46.6	47.3	47.3	47.8	47.8	47.8	47.8	47.8
IV 16000		31.6	34.9	40.0	41.9	42.2	45.0	46.2	46.6	47.3	47.3	47.8	47.8	47.8	47.8	47.8
IV 14000		32.1	35.4	40.5	42.4	42.8	45.5	46.8	47.1	47.8	47.8	48.3	48.3	48.3	48.3	48.3
IV 12000		32.3	35.6	41.2	43.1	43.5	46.2	47.5	47.8	48.5	48.5	49.0	49.0	49.0	49.0	49.0
IV 10000		34.2	37.5	43.1	45.0	45.4	48.2	49.6	49.9	50.6	50.6	51.1	51.1	51.1	51.1	51.1
IV 9000		37.0	40.3	46.1	48.2	48.7	51.5	52.9	53.2	53.9	53.9	54.5	54.5	54.5	54.5	54.5
IV 8000		39.6	43.1	48.9	51.3	52.0	54.8	56.2	56.5	57.2	57.2	57.8	57.8	57.8	57.8	57.8
IV 7000		43.1	46.8	53.1	55.5	56.2	59.3	60.9	61.3	62.0	62.0	62.5	62.5	62.5	62.5	62.5
IV 6000		45.4	49.0	55.3	57.8	58.5	61.8	63.2	63.5	64.2	64.2	64.7	64.7	64.7	64.7	64.7
IV 5000		47.3	51.7	58.3	60.7	61.4	64.9	66.3	66.7	67.4	67.4	67.9	67.9	67.9	67.9	67.9
IV 4500		48.3	52.7	59.5	62.0	62.7	66.1	67.5	67.9	68.6	68.6	69.1	69.1	69.1	69.1	69.1
IV 4000		51.0	55.7	63.0	65.4	66.1	69.8	71.4	71.7	72.4	72.4	72.9	72.9	72.9	72.9	72.9
IV 3500		53.6	58.6	66.0	68.4	69.1	72.9	74.5	74.9	75.6	75.6	76.1	76.1	76.1	76.1	76.1
IV 3000		56.4	62.1	69.6	72.6	73.3	78.0	79.8	80.1	80.8	80.8	81.3	81.3	81.3	81.3	81.3
IV 2500		58.3	64.2	72.1	75.6	76.4	81.3	83.1	83.4	84.1	84.1	84.6	84.6	84.6	84.6	84.6
IV 2000		59.5	66.3	74.5	78.5	79.6	84.8	86.9	87.4	88.1	88.1	88.7	88.7	88.7	88.7	88.7
IV 1800		60.0	67.4	75.6	79.8	80.8	86.0	88.1	88.7	89.4	89.4	89.9	89.9	89.9	89.9	89.9
IV 1500		61.3	69.5	78.2	82.7	83.8	89.0	91.1	91.6	92.3	92.3	92.8	92.8	92.8	92.8	92.8
IV 1200		61.4	70.2	79.1	83.9	85.3	90.9	93.0	93.5	94.2	94.2	94.8	94.8	94.8	94.8	94.8
IV 1000		61.6	70.3	79.4	84.3	85.7	91.3	93.4	93.9	94.6	94.6	95.3	95.3	95.3	95.3	95.3
IV 900		61.6	70.3	79.4	84.3	85.7	91.3	93.4	93.9	94.6	94.6	95.3	95.3	95.3	95.3	95.3
IV 800		61.8	70.5	79.6	84.5	86.0	91.6	93.7	94.4	95.3	95.3	96.0	96.0	96.0	96.0	96.0
IV 700		61.8	70.5	79.6	84.5	86.0	91.6	93.7	94.4	95.3	95.3	96.0	96.0	96.0	96.0	96.0
IV 600		61.8	70.5	79.6	84.5	86.0	91.6	93.7	94.4	95.3	95.3	96.0	96.0	96.0	96.0	96.0
IV 500		61.8	70.5	79.6	84.5	86.0	91.6	93.7	94.4	95.3	95.3	96.0	96.0	96.0	96.0	96.0
IV 400		61.8	70.5	79.6	84.5	86.0	91.6	93.7	94.4	95.3	95.3	96.0	96.0	96.0	96.0	96.0
IV 300		61.8	70.5	79.6	84.5	86.0	91.6	93.7	94.4	95.3	95.3	96.0	96.0	96.0	96.0	96.0
IV 200		61.8	70.5	79.6	84.5	86.0	91.6	93.7	94.4	95.3	95.3	96.0	96.0	96.0	96.0	96.0
IV 100		61.8	70.5	79.6	84.5	86.0	91.6	93.7	94.4	95.3	95.3	96.0	96.0	96.0	96.0	96.0
IV 0		61.8	70.5	79.6	84.5	86.0	91.6	93.7	94.4	95.3	95.3	96.0	96.0	96.0	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS. 573

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 STATION FULDA GERMANY AAF STATION NAME

05/67 YEARS

CT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOUR TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		37.6	46.2	47.8	43.9	48.9	45.5	49.5	49.5	51.1	51.6	52.2	52.2	53.2	53.2	53.1
≥ 20000		40.9	50.0	51.6	52.7	52.7	53.2	53.2	53.2	54.8	55.4	55.9	56.5	57.5	57.5	58.6
≥ 18000		40.9	50.0	51.6	52.7	52.7	53.2	53.2	53.2	54.8	55.4	55.9	56.5	57.5	57.5	58.6
≥ 16000		40.9	50.0	51.6	52.7	52.7	53.2	53.2	53.2	54.8	55.4	55.9	56.5	57.5	57.5	58.6
≥ 14000		40.9	50.0	51.6	52.7	52.7	53.2	53.2	53.2	54.8	55.4	55.9	56.5	57.5	57.5	58.6
≥ 12000		40.9	50.0	51.6	52.7	52.7	53.2	53.2	53.2	54.8	55.4	55.9	56.5	57.5	57.5	58.6
≥ 10000		40.9	50.0	52.2	53.2	53.2	53.8	53.8	53.8	55.4	55.9	56.5	57.0	58.1	58.1	59.1
≥ 9000		43.5	53.2	54.8	55.9	55.9	56.5	56.5	56.5	58.1	58.6	59.1	59.7	60.8	60.8	61.4
≥ 8000		47.8	57.5	59.1	60.2	60.2	60.8	60.8	60.8	62.4	63.4	64.0	64.5	66.1	66.1	67.2
≥ 7000		52.7	62.4	64.0	65.1	65.1	65.6	65.6	65.6	67.2	68.3	68.8	69.4	71.0	71.0	72.0
≥ 6000		54.8	64.5	66.1	67.2	67.2	67.7	67.7	67.7	69.3	70.4	71.0	71.5	73.1	73.1	74.2
≥ 5000		58.6	68.3	69.9	71.0	71.0	71.5	71.5	71.5	73.1	74.2	74.7	75.3	76.9	76.9	78.0
≥ 4500		60.8	70.4	72.0	73.1	73.1	73.7	73.7	73.7	75.3	76.3	76.9	77.4	79.0	79.0	80.1
≥ 4000		62.4	72.0	74.7	75.8	75.8	76.3	76.3	76.3	78.0	79.0	79.6	80.1	81.7	81.7	82.8
≥ 3500		62.9	72.6	75.3	76.3	76.3	76.9	76.9	76.9	78.5	79.6	80.1	80.6	82.3	82.3	83.3
≥ 3000		66.1	76.3	79.0	80.1	80.1	80.6	80.6	80.6	82.3	83.3	84.4	84.9	86.6	86.6	87.6
≥ 2500		67.2	78.0	80.6	81.7	81.7	82.3	82.3	82.3	83.9	85.5	86.0	86.6	88.2	88.2	89.2
≥ 2000		67.7	78.5	81.7	82.8	82.8	83.3	83.3	83.3	84.9	86.6	87.1	87.6	89.2	89.2	90.3
≥ 1800		68.3	79.0	82.3	83.3	83.3	83.9	83.9	83.9	85.5	87.1	87.6	88.2	89.8	89.8	90.9
≥ 1500		72.0	82.8	86.0	87.1	87.1	87.6	87.6	87.6	89.2	90.9	91.4	91.9	93.5	93.5	94.6
≥ 1200		72.6	83.3	86.6	87.6	87.6	88.2	88.2	88.2	89.8	91.4	91.9	92.5	94.1	94.1	95.2
≥ 1000		72.6	83.9	87.1	88.2	88.2	88.7	88.7	88.7	90.3	91.9	92.5	93.0	94.6	94.6	95.7
≥ 900		72.6	83.9	87.1	88.2	88.2	88.7	88.7	88.7	90.3	91.9	92.5	93.0	94.6	94.6	95.7
≥ 800		72.6	83.9	87.1	88.2	88.2	88.7	88.7	88.7	90.3	91.9	92.5	93.0	94.6	94.6	95.7
≥ 700		72.6	83.9	87.6	89.2	89.2	89.8	89.8	89.8	91.4	93.0	93.5	94.1	95.7	95.7	96.8
≥ 600		72.6	83.9	87.6	89.2	89.2	89.8	89.8	89.8	91.4	93.0	93.5	94.1	95.7	95.7	96.8
≥ 500		72.6	83.9	87.6	89.2	89.2	89.8	89.8	89.8	91.4	93.0	93.5	94.1	95.7	95.7	96.8
≥ 400		72.6	83.9	88.2	90.9	90.9	91.4	91.4	91.4	93.0	94.6	95.2	95.7	97.3	97.3	98.4
≥ 300		72.6	83.9	88.2	90.9	90.9	91.4	91.4	91.4	93.0	94.6	95.2	95.7	97.3	97.3	98.4
≥ 200		72.6	83.9	88.2	90.9	90.9	91.4	91.4	91.4	93.0	94.6	95.2	95.7	97.3	97.3	98.4
≥ 100		72.6	83.9	88.2	90.9	90.9	91.4	91.4	91.4	93.0	94.6	95.2	95.7	97.3	97.3	100.0
≥ 0		72.6	83.9	88.2	90.9	90.9	91.4	91.4	91.4	93.0	94.6	95.2	95.7	97.3	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 186

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF

65-67

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-0217
HOURS EST

CEILING (FEET)	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING		13.4	14.1	14.9	18.6	18.6	18.6	18.6	19.3	19.7	21.2	21.2	21.6	21.9	21.9	21.9
≥ 20000		15.2	16.7	17.5	21.2	21.2	21.2	21.2	21.9	22.3	23.8	24.2	24.5	24.9	24.9	24.9
IV 18000		15.2	16.7	17.5	21.2	21.2	21.2	21.2	21.9	22.3	23.8	24.2	24.5	24.9	24.9	24.9
IV 16000		15.2	16.7	17.5	21.2	21.2	21.2	21.2	21.9	22.3	23.8	24.2	24.5	24.9	24.9	24.9
IV 14000		15.2	16.7	17.5	21.2	21.2	21.2	21.2	21.9	22.3	23.8	24.2	24.5	24.9	24.9	24.9
IV 12000		15.2	16.7	17.5	21.2	21.2	21.2	21.2	21.9	22.3	23.8	24.2	24.5	24.9	24.9	24.9
IV 10000		15.2	16.7	17.5	21.2	21.2	21.2	21.2	21.9	22.3	23.8	24.2	24.5	24.9	24.9	24.9
IV 9000		16.0	17.5	18.2	21.9	21.9	21.9	21.9	22.7	23.0	24.5	24.9	25.3	25.7	25.7	25.7
IV 8000		17.5	19.0	20.8	24.5	24.5	24.5	24.9	25.7	26.0	27.5	27.9	28.3	28.6	28.6	28.6
IV 7000		17.5	19.0	20.8	24.5	24.5	24.5	24.9	25.7	26.0	27.5	27.9	28.3	28.6	28.6	28.6
IV 6000		18.6	20.1	21.9	25.7	25.7	26.0	26.4	27.1	27.5	29.0	29.4	29.7	30.1	30.1	30.1
IV 5000		19.3	21.6	24.5	28.3	28.3	29.4	29.7	30.5	30.9	32.3	32.7	33.1	33.5	33.5	33.5
IV 4500		19.7	21.9	24.9	29.0	29.0	30.1	30.5	31.2	31.6	33.1	33.5	33.8	34.2	34.2	34.2
IV 4000		20.4	23.4	26.4	30.5	30.5	31.6	32.0	32.7	33.1	34.6	34.9	35.3	35.7	35.7	35.7
IV 3500		21.2	24.5	28.3	32.3	32.3	33.5	33.8	34.6	34.9	36.4	36.8	37.2	37.5	37.5	37.5
IV 3000		22.3	25.7	29.4	33.8	33.8	34.9	35.3	36.1	36.4	37.9	38.3	38.7	39.0	39.0	39.0
IV 2500		25.7	29.7	33.8	38.3	38.3	39.4	39.8	40.5	40.9	42.4	42.8	43.1	43.5	43.5	43.5
IV 2000		27.9	32.3	38.3	44.2	44.2	45.4	45.7	46.5	46.8	48.3	48.7	49.1	49.4	49.4	49.4
IV 1800		29.4	33.8	39.8	46.5	46.5	47.6	48.0	48.7	49.1	50.6	50.9	51.3	51.7	51.7	51.7
IV 1500		29.4	34.6	41.3	49.1	49.1	50.2	50.6	51.3	51.7	53.2	53.5	53.9	54.3	54.3	54.3
IV 1200		30.5	37.9	46.1	54.6	55.8	56.9	58.4	59.1	59.5	61.3	61.7	62.1	62.5	62.5	62.5
IV 1000		30.5	38.3	46.8	56.5	57.6	59.5	61.0	61.7	62.1	64.3	64.7	65.1	65.4	65.4	65.4
IV 900		30.5	39.0	49.4	60.2	61.3	63.2	64.7	65.4	65.8	68.0	68.4	68.8	69.1	69.1	69.1
IV 800		30.5	39.0	50.2	62.1	63.2	65.8	67.3	68.0	68.8	71.0	71.4	71.7	72.1	72.1	72.1
IV 700		30.5	39.0	51.3	66.9	68.0	71.0	72.5	73.2	74.3	76.6	77.0	77.3	77.7	77.7	77.7
IV 600		30.5	39.0	51.3	67.3	69.5	73.2	75.1	75.8	77.3	79.6	79.9	80.3	80.7	80.7	80.7
IV 500		30.5	39.0	51.3	68.8	71.4	75.1	77.3	78.8	80.7	82.9	83.3	83.6	84.0	84.0	84.0
IV 400		30.5	39.0	51.3	69.1	71.7	75.8	78.1	79.9	82.2	84.4	84.8	85.1	85.5	85.5	85.5
IV 300		30.5	39.0	51.3	69.1	71.7	75.8	78.4	80.3	82.5	84.8	85.1	85.5	86.2	86.2	87.4
IV 200		30.5	39.0	51.3	69.1	71.7	76.6	79.2	81.0	83.3	85.5	85.9	86.2	89.6	89.6	92.9
IV 100		30.5	39.0	51.3	69.1	71.7	76.6	79.2	81.0	83.3	85.5	85.9	86.2	89.6	89.6	98.1
IV 0		30.5	39.0	51.3	69.1	71.7	76.6	79.2	81.0	83.3	85.5	85.9	86.2	89.6	89.6	100.0

TOTAL NUMBER OF OBSERVATIONS 269

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/1AC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF
STATION STATION NAME

01-69

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (Feet)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/5	≥1/10	≥0
NO CEILING		10.1	11.4	13.3	14.8	15.0	15.7	16.1	16.7	17.4	18.0	18.9	19.7	20.0	20.6	21.5
IV 20000		11.2	12.9	14.8	16.7	17.0	17.6	18.5	19.3	20.2	20.8	21.7	22.5	23.7	23.5	24.7
IV 18000		11.2	12.9	14.8	16.7	17.0	17.6	18.5	19.3	20.2	20.8	21.7	22.5	23.7	23.6	24.7
IV 16000		11.2	12.9	14.8	16.7	17.0	17.6	18.5	19.3	20.2	20.8	21.7	22.5	23.7	23.6	24.7
IV 14000		11.2	12.9	14.8	16.7	17.0	17.6	18.5	19.3	20.2	20.8	21.7	22.5	23.7	23.6	24.7
IV 12000		11.2	12.9	14.8	16.7	17.0	17.6	18.5	19.3	20.2	20.8	21.7	22.5	23.7	23.6	24.7
IV 10000		12.4	14.6	16.5	18.5	18.9	19.5	20.4	21.5	22.3	23.0	23.8	24.7	24.9	25.8	26.4
IV 9000		13.5	15.9	17.0	19.7	20.3	20.8	21.7	22.7	23.6	24.2	25.1	26.0	26.2	27.7	27.7
IV 8000		15.2	17.6	20.2	22.1	22.5	23.2	24.0	25.1	26.0	26.6	27.5	28.3	28.8	29.6	30.7
IV 7000		15.9	18.2	20.8	22.7	23.2	24.0	24.9	26.0	26.6	27.7	28.3	29.4	29.8	30.7	31.3
IV 6000		17.0	19.3	22.3	24.5	24.9	26.0	26.6	27.9	28.8	29.6	30.5	31.2	31.8	32.6	33.3
IV 5000		18.5	21.5	24.7	27.3	27.7	28.8	29.8	30.9	31.5	32.6	33.5	34.3	34.8	35.6	36.3
IV 4500		19.5	22.7	26.0	29.0	29.4	30.5	31.5	32.6	33.5	34.3	35.2	36.1	36.5	37.3	38.0
IV 4000		20.0	23.4	26.6	29.8	30.3	31.5	32.6	33.7	34.5	35.4	36.2	37.1	37.6	38.4	39.1
IV 3500		21.7	25.5	29.0	32.2	32.6	34.1	35.2	36.3	37.1	38.0	38.8	39.7	40.1	41.0	41.6
IV 3000		23.2	27.0	30.7	34.1	34.5	36.2	37.8	38.8	39.7	40.6	41.4	42.3	42.7	43.6	44.4
IV 2500		25.8	29.8	34.1	38.4	38.8	41.0	42.3	43.3	44.2	45.1	45.9	46.8	47.2	48.1	48.9
IV 2000		26.8	30.9	37.1	41.5	42.3	45.3	46.6	47.6	48.5	49.4	50.2	51.1	51.5	52.4	53.2
IV 1800		27.9	32.2	38.8	44.2	44.8	48.1	49.6	50.6	51.5	52.4	53.2	54.1	54.5	55.4	56.2
IV 1500		29.4	34.1	41.4	47.6	48.9	52.6	54.1	55.4	56.2	57.1	57.9	58.8	59.2	60.2	60.9
IV 1200		30.9	36.9	44.4	51.7	53.2	57.3	58.9	61.4	62.2	63.1	63.9	64.8	65.7	66.1	67.0
IV 1000		31.1	38.4	46.4	54.3	56.0	60.3	62.9	64.6	65.7	66.5	67.4	68.2	68.7	69.5	70.4
IV 900		31.1	38.4	46.8	56.0	57.7	62.2	64.8	66.5	67.6	68.5	69.3	70.2	70.6	71.5	72.3
IV 800		31.8	39.1	48.1	57.3	59.2	64.6	67.4	69.3	70.8	71.7	72.5	73.4	73.8	74.7	75.5
IV 700		31.8	39.5	48.5	58.8	60.7	67.0	70.0	72.1	73.8	75.3	76.4	77.3	78.1	79.4	80.3
IV 600		31.8	39.5	48.9	59.7	62.0	68.5	71.7	73.8	75.3	76.4	77.3	78.1	78.5	79.4	80.3
IV 500		31.8	39.7	49.1	60.7	63.5	71.2	74.5	76.8	79.4	80.3	81.1	82.0	82.4	83.3	84.1
IV 400		31.8	39.7	49.1	60.7	63.9	72.0	76.6	79.0	82.8	83.7	84.5	85.4	86.1	86.9	87.8
IV 300		31.8	39.7	49.1	60.7	63.9	72.0	76.6	79.0	82.8	83.7	84.5	85.4	86.1	86.9	87.8
IV 200		31.8	39.7	49.1	60.9	64.2	73.8	77.9	80.3	84.3	85.6	86.5	87.3	89.7	90.6	91.3
IV 100		31.8	39.7	49.1	60.9	64.2	73.8	77.9	80.3	84.3	85.6	86.5	87.3	89.7	90.6	91.3
IV 0		31.8	39.7	49.1	60.5	64.2	73.8	77.9	80.3	84.3	85.6	86.5	87.3	89.7	90.6	91.3

TOTAL NUMBER OF OBSERVATIONS 466

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15053 FULDA GERMANY TAF

00-71

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0-1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100

CEILING FEET.	VISIBILITY (STATUTE MILES)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING		10.9	12.2	13.4	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
≥ 20000		10.9	12.2	13.4	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
≥ 18000		10.9	12.2	13.4	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
≥ 16000		10.9	12.2	13.4	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
≥ 14000		11.0	12.3	13.6	14.0	14.2	14.8	15.3	15.4	16.0	16.2	16.7	17.3	18.0	18.0	18.4
≥ 12000		11.0	12.3	13.6	14.0	14.2	14.8	15.3	15.4	16.0	16.2	16.7	17.3	18.0	18.0	18.4
≥ 10000		12.0	13.3	15.1	15.6	15.7	16.8	17.2	17.4	18.2	18.4	18.9	19.5	20.2	20.2	21.5
≥ 8000		12.0	13.3	15.1	15.6	15.7	16.8	17.2	17.4	18.2	18.4	18.9	19.5	20.2	20.2	21.5
≥ 6000		14.9	16.6	18.4	19.2	19.4	20.9	21.1	21.3	22.0	22.3	22.9	23.4	24.1	24.1	25.7
≥ 4000		16.2	18.2	20.0	20.7	21.2	22.6	23.0	23.2	24.0	24.3	24.8	25.4	26.2	26.2	27.7
≥ 3000		17.3	19.4	21.7	22.4	23.1	24.4	25.3	25.5	26.3	26.6	27.1	27.7	28.5	28.5	30.4
≥ 2000		18.0	20.1	22.7	24.0	25.3	26.4	27.8	28.1	28.9	29.3	29.8	30.4	31.1	31.1	33.1
≥ 1500		20.6	22.8	25.3	26.5	27.8	28.8	29.9	30.2	31.2	31.5	32.0	32.6	33.3	33.3	35.6
≥ 1000		22.8	25.2	28.2	29.4	30.8	31.8	32.9	33.4	34.3	34.7	35.3	36.0	36.7	36.7	39.6
≥ 800		24.9	27.5	30.5	31.7	32.9	34.1	35.2	35.6	36.5	37.0	37.6	38.3	39.0	39.0	41.9
≥ 600		26.6	29.3	32.3	33.5	34.8	36.0	37.1	37.6	38.5	39.0	39.6	40.3	41.0	41.0	44.0
≥ 500		29.1	32.0	35.0	36.2	37.5	38.7	39.8	40.3	41.2	41.7	42.4	43.1	43.8	43.8	47.0
≥ 400		31.9	34.9	37.9	39.1	40.4	41.6	42.7	43.2	44.1	44.6	45.3	46.0	46.7	46.7	50.0
≥ 300		31.7	34.7	37.7	38.9	40.2	41.4	42.5	43.0	43.9	44.4	45.1	45.8	46.5	46.5	50.0
≥ 200		33.3	36.3	39.3	40.5	41.8	43.0	44.1	44.6	45.5	46.0	46.7	47.4	48.1	48.1	51.5
≥ 150		35.4	38.4	41.4	42.6	43.9	45.1	46.2	46.7	47.6	48.1	48.8	49.5	50.2	50.2	54.0
≥ 100		35.6	38.6	41.6	42.8	44.1	45.3	46.4	46.9	47.8	48.3	49.0	49.7	50.4	50.4	54.5
≥ 700		35.0	38.0	41.0	42.2	43.5	44.7	45.8	46.3	47.2	47.7	48.4	49.1	49.8	49.8	54.0
≥ 600		35.1	38.1	41.1	42.3	43.6	44.8	45.9	46.4	47.3	47.8	48.5	49.2	49.9	49.9	54.5
≥ 500		36.2	39.2	42.2	43.4	44.7	45.9	47.0	47.5	48.4	48.9	49.6	50.3	51.0	51.0	55.5
≥ 400		36.2	39.2	42.2	43.4	44.7	45.9	47.0	47.5	48.4	48.9	49.6	50.3	51.0	51.0	55.5
≥ 300		36.2	39.2	42.2	43.4	44.7	45.9	47.0	47.5	48.4	48.9	49.6	50.3	51.0	51.0	55.5
≥ 200		36.2	39.2	42.2	43.4	44.7	45.9	47.0	47.5	48.4	48.9	49.6	50.3	51.0	51.0	55.5
≥ 100		36.2	39.2	42.2	43.4	44.7	45.9	47.0	47.5	48.4	48.9	49.6	50.3	51.0	51.0	55.5
≥ 0		36.2	39.2	42.2	43.4	44.7	45.9	47.0	47.5	48.4	48.9	49.6	50.3	51.0	51.0	55.5

TOTAL NUMBER OF OBSERVATIONS 325

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/3AC

CEILING VERSUS VISIBILITY

35053
STATION

FULDA GERMANY AAF
STATION NAME

00-71

YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2000-1100
HOURS

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/20	≥ 0
NO CEILING ≥ 20000		3.3 8.4	6.0 9.9	6.9 10.9	8.2 12.2	8.4 12.4	9.1 13.2	9.3 13.6	9.6 14.2	9.7 14.4	9.7 14.4	9.8 14.6	10.2 15.0	10.2 15.1	10.2 15.1	10.4 16.4
IV 18000		8.9	9.9	10.9	12.2	12.4	13.2	13.6	14.2	14.4	14.4	14.6	15.0	15.1	15.1	16.4
IV 16000		8.9	9.9	10.9	12.2	12.4	13.2	13.6	14.2	14.4	14.4	14.6	15.0	15.1	15.1	16.4
IV 14000		9.1	10.1	11.1	12.4	12.7	13.4	13.8	14.4	14.7	14.7	14.8	15.2	15.3	15.3	16.7
IV 12000		9.9	10.9	11.9	13.4	13.7	14.4	14.9	15.6	15.8	15.8	15.9	16.3	16.4	16.4	17.7
IV 10000		10.9	12.0	13.2	14.8	15.1	16.1	16.6	17.2	17.4	17.4	17.6	18.0	18.1	18.1	19.4
IV 9000		11.6	12.9	14.1	15.7	16.0	17.0	17.6	18.4	18.7	18.7	18.8	19.2	19.3	19.3	20.7
IV 8000		13.0	14.7	16.1	17.8	18.3	19.4	20.3	21.2	21.7	21.7	21.8	22.2	22.6	22.6	23.9
IV 7000		14.3	16.1	18.1	19.8	20.3	21.6	22.7	23.6	24.0	24.1	24.2	24.7	25.1	25.1	26.7
IV 6000		15.6	17.0	19.6	21.3	21.9	23.1	24.4	25.3	25.8	25.9	26.0	26.4	26.5	26.9	28.4
IV 5000		16.9	19.1	21.7	23.8	24.3	26.0	27.7	28.6	29.0	29.1	29.2	29.7	30.1	30.1	31.7
IV 4500		18.5	21.1	23.8	25.9	26.6	28.4	30.2	31.1	31.6	31.7	31.8	32.2	32.7	32.7	34.2
IV 4000		20.8	23.4	26.9	29.0	29.8	32.0	33.8	34.9	35.3	35.7	35.8	36.2	36.7	36.7	38.2
IV 3500		22.6	25.3	28.9	31.1	32.0	34.2	36.2	37.3	38.0	38.4	38.6	39.2	39.7	39.7	41.2
IV 3000		25.4	28.6	32.6	34.8	35.9	38.7	40.8	41.9	42.6	43.0	43.1	44.0	44.6	44.6	46.1
IV 2500		28.4	32.0	36.9	39.4	40.6	43.9	46.3	47.0	48.4	49.0	49.1	50.0	50.6	50.6	52.2
IV 2000		31.7	35.6	41.0	44.2	45.3	49.0	51.6	53.2	54.2	54.8	54.9	55.8	56.3	56.3	58.0
IV 1800		33.2	37.1	42.6	45.0	47.2	51.0	53.7	55.3	56.3	57.1	57.2	58.2	58.8	58.8	60.4
IV 1500		36.3	40.6	46.2	50.0	51.3	55.2	58.1	59.8	60.8	61.6	61.7	62.8	63.3	63.3	65.0
IV 1200		38.0	43.2	49.9	53.0	56.6	60.9	63.8	65.6	66.6	67.3	67.4	68.7	69.2	69.2	70.9
IV 1000		39.0	44.7	51.6	57.6	59.3	63.9	67.1	69.3	70.6	71.3	71.4	72.7	73.2	73.2	74.9
IV 900		39.0	45.0	52.5	58.7	60.7	65.2	68.4	70.7	71.9	72.7	72.8	74.0	74.6	74.6	76.2
IV 800		40.3	46.3	53.3	61.6	64.0	68.8	72.0	74.3	75.7	76.4	76.6	77.9	78.6	78.6	80.2
IV 700		40.4	46.9	53.8	62.8	65.6	70.7	74.2	76.7	78.1	79.1	79.6	81.0	81.7	81.7	83.3
IV 600		40.4	46.9	53.8	63.4	66.7	72.1	76.0	78.8	80.6	81.7	82.1	83.6	84.2	84.2	86.0
IV 500		40.5	47.0	55.1	64.0	67.4	73.7	77.8	80.7	82.9	84.0	84.9	86.6	87.2	87.2	89.0
IV 400		40.6	47.0	56.1	64.0	67.6	74.2	79.1	82.1	85.4	86.8	87.7	89.3	90.2	90.2	92.6
IV 300		40.8	47.0	56.1	64.0	67.6	74.2	79.2	82.3	85.7	87.0	88.0	89.8	91.0	91.0	94.4
IV 200		40.8	47.0	56.1	64.0	67.6	74.2	79.3	82.4	86.0	87.3	88.3	90.3	91.8	91.8	97.1
IV 100		40.8	47.0	56.1	64.0	67.6	74.2	79.3	82.4	86.0	87.3	88.3	90.3	91.8	91.8	99.0
IV 0		40.6	47.0	56.1	64.0	67.6	74.2	79.3	82.4	86.0	87.3	88.3	90.3	91.8	91.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ IAC

CEILING VERSUS VISIBILITY

35053
STATION

FULDA GERMANY AAF
STATION NAME

60-7
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

120-140
HOURS PER YEAR

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0.1	≥0
NO CEILING		9.5	10.5	11.5	11.8	12.5	13.1	13.9	14.1	14.1	14.4	14.5	14.6	14.6	14.6	14.7
≥ 20000		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 18000		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 16000		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 14000		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 12000		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 10000		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 9000		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 8000		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 7000		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 6000		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 5000		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 4500		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 4000		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 3500		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 3000		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 2500		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 2000		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 1800		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 1500		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 1200		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 1000		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 900		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 800		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 700		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 600		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 500		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 400		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 300		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 200		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 100		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5
≥ 0		13.0	14.0	15.8	16.3	17.1	17.9	18.7	18.9	18.9	19.1	19.2	19.4	19.4	19.4	19.5

TOTAL NUMBER OF OBSERVATIONS 878

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

35053
STATION

FULDA GERMANY AAF
STATION NAME

00-70
YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15 10-17
HOURS

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥10	≥½	≥0
NO CEILING ≥ 20000	12.4	13.9	15.7	16.0	16.1	16.1	16.4	16.8	16.8	16.8	16.8	16.9	16.9	17.0	17.0	17.0
IV 18000	16.3	18.1	20.5	21.1	21.2	21.2	21.5	22.1	22.1	22.3	22.4	22.4	22.4	22.5	22.5	22.5
IV 16000	16.3	18.1	20.5	21.1	21.2	21.2	21.5	22.1	22.1	22.3	22.4	22.4	22.4	22.5	22.5	22.5
IV 14000	16.5	18.3	20.7	21.3	21.4	21.4	21.8	22.4	22.4	22.5	22.6	22.6	22.6	22.7	22.7	22.7
IV 12000	18.1	20.0	22.4	23.0	23.1	23.1	23.5	24.0	24.0	24.2	24.3	24.3	24.3	24.4	24.4	24.4
IV 10000	19.5	21.0	24.5	25.1	25.2	25.2	25.7	26.3	26.3	26.4	26.5	26.5	26.5	26.7	26.7	26.7
IV 9000	20.0	22.4	25.2	26.0	26.1	26.1	26.5	27.1	27.1	27.3	27.4	27.4	27.4	27.5	27.5	27.5
IV 8000	21.3	24.2	27.5	28.3	28.5	28.5	28.9	29.5	29.5	29.6	29.8	29.8	29.8	29.9	29.9	29.9
IV 7000	22.3	25.4	28.9	30.1	30.2	30.2	30.7	31.3	31.3	31.4	31.5	31.5	31.5	31.7	31.7	31.7
IV 6000	23.7	27.0	30.7	31.9	32.0	32.0	32.5	33.1	33.1	33.2	33.3	33.3	33.3	33.5	33.5	33.5
IV 5000	25.0	28.3	32.4	33.6	33.7	33.7	34.4	35.0	35.0	35.1	35.2	35.2	35.2	35.4	35.4	35.4
IV 4500	26.7	30.2	34.3	35.5	35.6	35.6	36.3	36.9	36.9	37.0	37.1	37.1	37.1	37.3	37.3	37.3
IV 4000	29.3	33.1	37.6	38.8	39.0	39.4	40.0	40.6	40.6	40.7	40.8	40.8	40.8	41.0	41.0	41.0
IV 3500	32.0	36.1	41.2	42.4	42.6	43.1	43.9	44.5	44.5	44.6	44.8	44.8	44.8	44.9	44.9	44.9
IV 3000	36.1	41.3	46.2	47.9	48.1	48.8	49.9	50.5	50.6	51.0	51.1	51.1	51.1	51.2	51.2	51.2
IV 2500	41.1	46.9	52.4	54.3	54.8	56.0	57.4	58.1	58.2	58.7	58.8	58.8	58.8	58.9	58.9	58.9
IV 2000	43.9	50.4	56.9	59.0	59.9	61.1	62.7	63.7	63.8	64.3	64.4	64.4	64.4	64.5	64.5	64.5
IV 1800	45.0	51.4	58.1	60.2	61.2	62.4	64.2	65.1	65.2	65.7	65.8	65.8	65.8	66.0	66.0	66.0
IV 1500	46.2	53.1	60.0	62.3	63.6	65.4	67.1	68.1	68.3	68.9	69.0	69.0	69.0	69.2	69.2	69.3
IV 1200	45.3	52.7	63.9	67.3	69.0	71.1	73.0	74.2	74.8	75.4	75.5	75.5	75.5	75.6	75.6	75.7
IV 1000	48.9	56.5	65.2	69.4	71.4	73.7	76.4	77.9	78.6	79.4	79.5	79.6	80.0	80.0	80.0	80.1
IV 900	49.5	57.3	66.1	70.2	72.4	74.9	77.6	79.0	80.0	80.8	81.0	81.1	81.4	81.4	81.5	81.5
IV 800	49.9	58.0	67.1	71.9	74.2	76.7	80.0	81.5	82.7	83.6	83.8	84.0	84.4	84.4	84.5	84.5
IV 700	50.2	58.6	68.8	73.8	76.3	79.2	83.6	85.4	87.1	88.0	88.2	88.6	88.9	88.9	89.0	89.0
IV 600	50.4	58.9	69.5	75.2	77.9	81.3	86.3	88.1	89.9	90.7	91.0	91.7	92.1	92.3	92.5	92.5
IV 500	50.4	59.0	70.0	76.1	78.8	82.5	87.6	89.4	91.8	92.6	92.9	93.6	94.4	94.4	94.6	94.6
IV 400	50.4	59.0	70.0	76.2	78.9	82.7	88.0	89.9	92.4	93.3	93.7	94.4	95.2	95.2	95.5	95.5
IV 300	50.4	59.0	70.0	76.2	78.9	82.7	88.0	89.9	92.4	93.8	94.0	94.8	96.0	96.0	96.7	96.7
IV 200	50.4	59.0	70.0	76.2	78.9	82.7	88.0	89.9	92.4	93.8	94.0	94.8	96.0	96.0	98.1	98.1
IV 100	50.4	59.0	70.0	76.2	78.9	82.7	88.0	89.9	92.4	93.8	94.0	94.8	96.2	96.2	99.5	99.5
IV 0	50.4	59.0	70.0	76.2	78.9	82.7	88.0	89.9	92.4	93.8	94.0	94.8	96.2	96.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 840

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35033 FULDA GERMANY AAF

01-72

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1970-2000
HOURLY TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING ≥ 20000		15.4	17.3	19.6	20.9	20.9	20.9	20.9	21.9	22.1	22.1	22.1	22.1	22.2	22.2	22.2
IV 18000		18.3	20.7	23.8	25.1	25.1	25.7	25.7	26.6	27.0	27.0	27.0	27.0	27.2	27.2	27.2
IV 16000		18.3	20.7	23.8	25.1	25.1	25.7	25.7	26.6	27.0	27.0	27.0	27.0	27.2	27.2	27.2
IV 14000		18.4	20.9	24.0	25.3	25.3	25.9	25.9	26.8	27.2	27.2	27.2	27.2	27.4	27.4	27.4
IV 12000		18.6	21.1	24.1	25.5	25.5	26.0	26.0	27.0	27.4	27.4	27.4	27.4	27.6	27.6	27.6
IV 10000		18.6	21.5	24.5	25.9	25.9	26.4	26.4	27.6	27.9	27.9	27.9	27.9	28.1	28.1	28.1
IV 9000		20.2	22.8	25.9	27.4	27.4	27.9	28.1	29.1	29.5	29.5	29.5	29.5	29.7	29.7	29.7
IV 8000		21.9	24.5	28.5	30.2	30.2	30.8	31.0	31.9	32.3	32.3	32.3	32.3	32.5	32.5	32.5
IV 7000		22.6	25.3	30.2	31.9	31.9	32.5	32.7	33.7	34.0	34.0	34.0	34.0	34.2	34.2	34.2
IV 6000		23.4	26.2	31.4	33.1	33.1	33.7	33.8	34.8	35.2	35.2	35.2	35.2	35.4	35.4	35.4
IV 5000		25.7	28.5	34.4	36.1	36.1	36.9	37.1	38.0	38.4	38.4	38.4	38.4	38.6	38.6	38.6
IV 4500		26.4	29.3	35.2	36.9	36.9	37.8	37.8	38.8	39.2	39.2	39.2	39.2	39.4	39.4	39.4
IV 4000		29.1	32.3	39.2	41.1	41.1	41.8	42.0	43.0	43.3	43.3	43.3	43.3	43.5	43.5	43.5
IV 3500		30.6	33.8	41.3	43.2	43.2	44.1	44.3	45.2	45.6	45.6	45.6	45.6	45.8	45.8	45.8
IV 3000		33.8	37.6	45.6	47.5	47.9	48.9	49.0	50.0	50.4	50.4	50.4	50.4	50.6	50.6	50.6
IV 2500		35.7	39.9	48.3	50.4	51.1	52.3	53.2	54.4	54.8	54.8	54.8	54.8	54.9	54.9	54.9
IV 2000		39.2	44.5	53.4	55.5	56.3	58.2	58.9	60.1	60.5	60.5	60.5	60.5	60.6	60.6	60.6
IV 1800		39.9	45.4	55.1	56.0	59.3	62.0	62.7	64.1	64.6	64.6	64.6	64.6	64.8	64.8	64.8
IV 1500		41.4	47.1	57.4	60.3	62.0	63.3	66.2	67.5	68.1	68.1	68.1	68.1	68.3	68.3	68.3
IV 1200		42.8	49.8	61.0	65.2	67.3	70.5	71.7	73.4	74.0	74.1	74.1	74.1	74.3	74.3	74.3
IV 1000		43.3	50.6	62.4	67.1	69.6	73.8	74.9	76.6	77.2	77.4	77.4	77.4	77.6	77.6	77.6
IV 900		43.7	51.0	62.7	67.9	70.3	74.5	76.0	77.9	78.5	78.9	78.9	78.9	79.1	79.1	79.1
IV 800		43.9	51.1	63.1	69.0	71.5	76.0	78.3	80.4	81.7	82.1	82.1	82.1	82.3	82.3	82.3
IV 700		43.9	51.1	63.3	70.2	73.0	77.8	81.0	83.1	84.6	85.0	85.0	85.0	85.2	85.2	85.2
IV 600		43.9	51.1	63.3	70.9	74.0	80.6	84.6	86.7	88.6	89.0	89.2	89.2	89.4	89.4	89.4
IV 500		43.9	51.1	63.3	71.1	74.1	81.0	85.2	87.3	90.1	90.5	90.7	90.7	90.9	90.9	90.9
IV 400		43.9	51.1	63.3	71.1	74.1	81.0	85.6	88.0	91.1	91.8	92.0	92.0	92.2	92.2	92.2
IV 300		43.9	51.1	63.3	71.1	74.1	81.0	85.7	88.2	91.3	92.2	92.4	92.4	92.6	92.6	92.6
IV 200		43.9	51.1	63.3	71.1	74.1	81.0	85.7	88.2	91.3	92.2	92.8	93.0	93.5	93.5	93.5
IV 100		43.9	51.1	63.3	71.1	74.1	81.0	86.1	88.6	91.6	92.2	93.5	93.5	93.9	94.1	94.1
IV 0		43.9	51.1	63.3	71.1	74.1	81.0	86.1	88.6	91.6	92.2	93.3	93.3	93.9	94.1	100.0

TOTAL NUMBER OF OBSERVATIONS 326

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053
STATION

FULDA GERMANY AAF
STATION NAME

05-67
YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21 JUL-23 JUL
PERIOD

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥10	≥¼	≥0
NO CEILING ≥ 20000		16.3	18.9	19.6	21.5	21.5	23.3	23.7	24.1	24.1	24.1	24.1	24.1	24.4	24.4	24.4
IV 18000		19.3	21.9	22.6	25.6	25.6	28.5	28.9	29.3	29.3	29.3	29.3	29.3	29.6	29.6	29.6
IV 16000		19.3	21.9	22.6	25.6	25.6	28.5	28.9	29.3	29.3	29.3	29.3	29.3	29.6	29.6	29.6
IV 14000		19.3	21.9	22.6	25.6	25.6	28.5	28.9	29.3	29.3	29.3	29.3	29.3	29.6	29.6	29.6
IV 12000		19.3	21.9	22.6	25.6	25.6	28.5	28.9	29.3	29.3	29.3	29.3	29.3	29.6	29.6	29.6
IV 10000		19.6	22.2	23.0	25.9	25.9	28.9	29.3	29.6	29.6	29.6	29.6	29.6	30.0	30.0	30.0
IV 9000		20.7	23.3	24.1	27.0	27.0	30.0	30.4	30.7	30.7	30.7	30.7	30.7	31.1	31.1	31.1
IV 8000		21.1	23.7	25.6	28.9	28.9	31.9	32.2	32.6	32.6	32.6	32.6	32.6	33.0	33.0	33.0
IV 7000		21.9	24.4	26.3	29.6	29.6	32.6	33.0	33.3	33.3	33.3	33.3	33.3	33.7	33.7	33.7
IV 6000		24.8	27.4	29.3	32.6	32.6	35.9	35.9	36.3	36.3	36.3	36.3	36.3	36.7	36.7	36.7
IV 5000		26.3	30.0	33.3	36.7	36.7	39.6	40.0	40.4	40.4	40.4	40.4	40.4	40.7	40.7	40.7
IV 4500		27.0	31.1	34.4	37.8	37.8	40.7	41.1	41.5	41.5	41.5	41.5	41.5	41.9	41.9	41.9
IV 4000		27.0	31.1	35.2	38.9	38.9	41.9	42.2	43.0	43.3	43.3	43.3	43.3	43.7	43.7	43.7
IV 3500		27.0	31.1	35.6	39.6	39.6	42.6	43.0	43.7	44.4	44.4	44.4	44.4	44.8	44.8	44.8
IV 3000		27.4	31.5	35.9	40.7	41.1	44.1	44.4	45.2	45.9	45.9	45.9	45.9	46.3	46.3	46.3
IV 2500		29.6	33.7	38.9	43.7	44.1	47.0	47.4	48.1	48.9	48.9	48.9	48.9	49.3	49.3	49.3
IV 2000		30.4	34.4	41.1	46.7	47.0	50.0	50.4	51.1	51.9	52.2	52.2	52.2	52.6	52.6	52.6
IV 1800		31.1	35.9	43.3	49.3	49.6	52.6	53.0	53.7	54.4	54.8	54.8	54.8	55.2	55.2	55.2
IV 1500		32.2	38.9	46.7	53.7	55.9	58.9	59.6	60.4	61.1	61.5	61.5	61.5	62.2	62.2	62.2
IV 1200		34.8	41.5	50.4	58.5	61.1	64.8	65.6	66.3	67.0	67.4	67.4	67.4	68.1	68.1	68.1
IV 1000		35.2	43.3	52.2	62.6	66.3	70.4	71.1	71.9	72.6	73.0	73.3	73.3	74.1	74.1	74.1
IV 900		35.2	43.3	53.2	63.3	67.0	71.1	71.9	72.6	73.3	73.7	74.1	74.1	74.8	74.8	74.8
IV 800		35.2	43.3	53.2	66.3	70.0	74.4	75.2	76.0	77.8	78.1	78.7	79.3	79.3	79.3	79.3
IV 700		35.2	43.3	53.7	67.0	70.7	76.3	77.4	78.9	80.0	80.4	80.7	81.5	81.5	81.5	81.5
IV 600		35.2	43.3	53.7	68.5	72.2	78.9	80.0	81.5	82.6	83.0	83.3	84.1	84.4	84.4	84.4
IV 500		35.2	43.3	53.7	68.9	72.6	80.4	81.9	83.7	84.8	85.2	85.6	86.3	87.0	87.0	87.4
IV 400		35.2	43.3	53.7	68.9	72.6	80.4	81.9	83.7	84.8	85.2	85.6	86.3	87.0	87.0	87.4
IV 300		35.2	43.3	53.7	68.9	72.6	80.4	82.2	84.4	85.9	87.8	88.1	88.9	90.7	90.7	90.7
IV 200		35.2	43.3	53.7	68.9	72.6	80.4	82.2	84.4	85.9	87.8	88.1	88.9	90.7	90.7	90.7
IV 100		35.2	43.3	53.7	68.9	72.6	80.4	82.2	84.4	85.9	87.8	88.1	88.9	90.7	90.7	90.7
IV 0		35.2	43.3	53.7	68.9	72.6	80.4	82.2	84.4	85.9	87.8	88.1	88.9	91.5	91.5	91.5

TOTAL NUMBER OF OBSERVATIONS 270

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 FLLDA GERMANY AAF

61-69

YEAR

EC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

230-0501
HOURS PER DAY

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING ≥ 20000		10.6	12.3	16.3	17.2	17.2	17.2	18.2	18.4	19.6	19.8	19.3	19.8	20.0	20.0	20.4
≥ 18000		10.6	12.5	17.2	18.2	18.2	18.2	19.1	19.3	20.5	20.8	20.8	20.8	21.0	21.0	21.5
≥ 16000		10.8	12.5	17.2	18.2	18.2	18.2	19.1	19.3	20.5	20.8	20.8	20.8	21.0	21.0	21.5
≥ 14000		10.8	12.5	17.2	18.2	18.2	18.2	19.1	19.3	20.5	20.8	20.8	20.8	21.0	21.0	21.5
≥ 12000		10.8	12.5	17.2	18.2	18.2	18.2	19.1	19.3	20.5	20.8	20.8	20.8	21.0	21.0	21.5
≥ 10000		11.1	12.7	17.5	18.4	18.4	18.4	19.3	19.6	20.8	21.0	21.0	21.0	21.2	21.2	21.7
≥ 9000		11.3	13.0	17.7	18.9	18.9	18.9	20.0	20.3	21.5	21.7	21.7	21.7	21.9	21.9	22.4
≥ 8000		12.7	14.4	19.1	20.3	20.3	20.3	21.5	21.7	23.3	23.6	23.6	23.6	23.8	23.8	24.3
≥ 7000		14.4	16.3	21.0	22.2	22.2	22.2	24.3	24.6	26.2	26.4	26.4	26.4	26.7	26.7	27.1
≥ 6000		15.6	17.5	22.2	23.3	23.3	24.1	25.5	25.7	27.4	27.6	27.6	27.6	27.8	27.8	28.3
≥ 5000		18.2	20.0	25.2	26.7	26.7	27.4	28.8	29.0	30.7	30.9	30.9	30.9	31.1	31.1	31.6
≥ 4500		18.4	20.5	25.7	27.1	27.4	28.5	30.0	30.2	31.8	32.1	32.1	32.1	32.3	32.3	32.9
≥ 4000		19.6	21.7	27.6	29.5	30.0	31.6	33.0	33.3	34.9	35.1	35.1	35.1	35.4	35.4	35.9
≥ 3500		20.3	22.9	30.0	32.3	33.0	34.7	36.1	36.3	38.5	38.2	38.2	38.2	38.4	38.4	38.9
≥ 3000		20.8	24.1	31.8	34.2	35.1	36.8	38.7	39.2	40.8	41.0	41.0	41.0	41.3	41.3	41.7
≥ 2500		24.1	28.5	37.0	39.4	40.3	42.0	43.9	44.3	46.0	46.2	46.2	46.2	46.3	46.5	46.9
≥ 2000		29.0	34.4	43.6	46.5	47.4	50.0	52.1	52.6	54.2	54.5	54.5	54.5	54.7	54.7	55.2
≥ 1800		29.5	35.1	44.3	47.2	48.3	51.4	53.5	54.0	55.7	55.9	55.9	55.9	56.1	56.1	56.6
≥ 1500		30.9	36.8	47.2	50.5	52.1	56.1	58.5	59.0	60.6	60.8	60.8	60.8	61.1	61.1	61.6
≥ 1200		33.5	39.4	50.9	55.7	58.0	63.0	65.8	66.3	68.2	68.4	68.4	68.4	68.6	68.6	69.1
≥ 1000		33.7	40.1	52.6	58.5	61.3	67.5	70.5	71.0	72.9	73.1	73.1	73.1	73.3	73.3	73.8
≥ 900		34.0	40.3	53.3	60.8	63.9	70.8	74.5	75.2	77.4	77.6	77.6	77.6	77.8	77.8	78.3
≥ 800		34.0	40.3	53.8	61.6	64.6	72.2	76.2	77.1	80.0	80.2	80.2	80.2	80.4	80.4	80.9
≥ 700		34.0	40.3	55.0	63.0	67.2	75.2	79.7	81.8	85.1	85.4	85.4	85.4	85.6	85.6	86.1
≥ 600		34.0	40.6	55.2	64.9	69.3	78.3	83.7	86.8	90.6	90.8	90.8	90.8	91.0	91.0	91.5
≥ 500		34.0	40.6	55.2	64.9	69.6	79.2	84.9	88.0	91.7	92.0	92.0	92.0	92.2	92.2	92.7
≥ 400		34.0	40.6	55.2	65.1	70.3	80.4	86.1	89.2	92.9	93.2	93.2	93.2	93.4	93.4	93.9
≥ 300		34.0	40.6	55.2	65.1	70.3	80.4	86.1	89.2	93.9	94.6	94.6	94.6	95.0	95.0	95.5
≥ 200		34.0	40.6	55.2	65.1	70.3	80.4	86.1	89.2	94.3	95.0	95.3	95.3	96.0	96.0	96.5
≥ 100		34.0	40.6	55.2	65.1	70.3	80.4	86.1	89.2	94.3	95.0	95.8	96.2	97.4	97.4	100.0
≥ 0		34.0	40.6	55.2	65.1	70.3	80.4	86.1	89.2	94.3	95.0	95.8	96.2	97.4	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 424

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 STATION FULDA GERMANY AAF STATION NAME

60-70 YEARS

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

60-0800 HOURS TEST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0.16	≥ 0.1	≥ 0
NO CEILING		7.3	8.3	10.6	12.3	12.2	13.0	14.6	14.9	16.3	17.0	17.1	17.2	17.3	17.3	17.1
≥ 20000		7.7	9.2	11.5	12.9	13.1	14.1	15.7	16.0	17.4	18.3	18.5	18.6	18.7	18.7	19.1
≥ 18000		7.7	9.2	11.5	12.9	13.1	14.1	15.7	16.0	17.4	18.3	18.5	18.6	18.7	18.7	19.1
≥ 16000		7.7	9.2	11.5	12.9	13.1	14.1	15.7	16.0	17.4	18.3	18.5	18.6	18.7	18.7	19.1
≥ 14000		7.7	9.2	11.5	12.9	13.1	14.1	15.7	16.0	17.4	18.3	18.5	18.6	18.7	18.7	19.1
≥ 12000		6.0	9.7	12.1	13.5	13.7	14.6	16.3	16.6	18.0	18.9	19.1	19.1	19.3	19.3	19.7
≥ 10000		8.2	9.9	12.3	13.7	14.0	14.9	16.5	16.8	18.2	19.1	19.3	19.4	19.5	19.5	20.0
≥ 9000		8.2	10.0	12.5	14.0	14.2	15.1	16.8	17.2	18.6	19.5	19.6	19.7	19.8	19.8	20.3
≥ 8000		9.5	11.3	14.0	15.5	15.7	16.7	18.6	18.9	20.3	21.2	21.5	21.6	21.7	21.7	22.4
≥ 7000		10.3	12.3	15.1	16.6	16.8	17.9	19.8	20.2	21.6	22.5	22.7	22.8	23.0	23.0	23.6
≥ 6000		11.1	13.1	15.9	17.4	17.6	18.7	20.6	21.0	22.4	23.3	23.5	23.6	23.8	23.8	24.5
≥ 5000		12.9	15.0	17.8	19.5	19.7	20.8	23.0	23.3	24.7	25.6	25.8	26.0	26.1	26.1	26.8
≥ 4500		13.8	15.9	18.8	20.5	20.8	21.8	24.1	24.5	25.8	27.1	27.3	27.5	27.6	27.6	28.3
≥ 4000		15.8	17.9	21.3	23.4	23.6	25.0	27.5	27.8	29.5	30.6	30.9	31.0	31.0	31.0	31.7
≥ 3500		17.9	20.4	24.9	27.3	27.6	29.0	31.4	31.7	33.2	34.5	34.7	34.8	34.9	34.9	35.6
≥ 3000		19.6	22.3	27.6	30.0	30.3	31.3	34.5	34.9	36.6	37.8	38.1	38.2	38.3	38.3	39.1
≥ 2500		21.7	25.3	31.3	33.9	34.5	36.4	39.1	39.6	41.2	42.4	42.7	42.8	42.9	42.9	43.6
≥ 2000		24.9	29.4	36.1	39.4	40.3	42.9	45.9	46.4	48.4	49.7	49.9	50.1	50.2	50.2	50.9
≥ 1800		25.7	30.4	37.3	40.7	41.6	44.3	47.4	47.9	49.9	51.2	51.4	51.6	51.7	51.7	52.4
≥ 1500		28.3	34.1	41.6	45.6	46.6	50.3	53.6	54.2	56.6	58.0	58.2	58.4	58.5	58.5	59.2
≥ 1200		29.9	35.9	44.4	49.7	51.1	55.6	59.7	61.0	64.2	66.0	66.2	66.4	66.6	66.6	67.2
≥ 1000		30.6	36.9	45.6	52.0	54.1	59.5	63.8	65.4	68.9	70.8	71.0	71.3	71.5	71.5	72.2
≥ 900		30.7	37.0	45.8	53.5	55.7	61.8	65.7	68.5	72.2	74.2	74.4	74.6	74.9	74.9	75.5
≥ 800		31.0	37.6	47.2	55.7	57.9	64.6	70.4	72.5	76.7	78.8	79.0	79.4	79.7	79.7	80.4
≥ 700		31.3	37.8	47.8	56.5	58.9	66.2	72.7	75.2	79.9	82.0	82.2	82.7	83.0	83.0	83.9
≥ 600		31.4	37.9	48.2	57.9	60.7	68.3	75.2	78.1	83.0	85.5	85.8	86.3	87.0	87.0	87.8
≥ 500		31.4	38.2	48.6	59.1	62.3	70.2	77.4	80.5	85.5	87.9	88.2	88.7	89.4	89.4	90.5
≥ 400		31.4	38.2	48.8	59.4	62.6	70.8	78.3	81.4	87.0	89.5	90.0	90.8	91.6	91.7	93.0
≥ 300		31.4	38.4	49.0	59.6	62.9	71.0	78.9	82.1	88.0	91.1	91.5	92.8	93.6	93.9	95.2
≥ 200		31.4	38.4	49.0	59.6	62.9	71.0	78.9	82.1	88.5	91.7	92.3	93.8	95.0	95.2	97.0
≥ 100		31.4	38.4	49.0	59.6	62.9	71.0	78.9	82.1	88.5	91.7	92.4	94.0	95.5	95.8	99.4
≥ 0		31.4	38.4	49.0	59.6	62.9	71.0	78.9	82.1	88.5	91.7	92.4	94.0	95.5	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS 867

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF

60-7

YEARS

1966

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

935-110

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING		5.6	6.3	7.9	8.9	9.6	11.2	12.5	13.0	13.1	16.5	16.8	16.6	16.6	16.6	16.3
≥ 20000		7.0	7.8	9.7	10.7	11.4	13.2	14.5	15.3	17.5	18.9	18.9	19.1	19.1	19.1	19.4
≥ 18000		7.0	7.8	9.7	10.7	11.6	13.3	14.7	15.4	17.6	19.0	19.3	19.3	19.3	19.3	19.5
≥ 16000		7.0	7.8	9.7	10.7	11.6	13.3	14.7	15.4	17.6	19.0	19.3	19.3	19.3	19.3	19.5
≥ 14000		7.0	7.8	9.7	10.7	11.6	13.3	14.7	15.4	17.6	19.0	19.3	19.3	19.3	19.3	19.5
≥ 12000		7.8	8.7	10.6	11.6	12.4	14.1	15.5	16.3	18.5	19.9	19.9	20.1	20.1	20.1	20.3
≥ 10000		9.1	10.6	12.5	13.5	14.3	16.0	17.4	18.2	20.4	21.8	21.8	22.0	22.0	22.0	22.2
≥ 9000		9.4	10.9	12.8	13.8	14.7	16.4	17.9	18.7	21.0	22.4	22.4	22.6	22.6	22.6	22.8
≥ 8000		9.7	11.4	13.6	14.5	15.4	17.3	18.9	20.0	22.4	23.7	23.7	24.0	24.0	24.0	24.2
≥ 7000		10.7	12.4	14.5	15.5	16.5	18.5	20.1	21.2	23.6	25.0	25.0	25.2	25.2	25.2	25.5
≥ 6000		11.3	13.3	15.4	16.4	17.3	19.4	21.1	22.1	24.6	26.0	26.0	26.2	26.2	26.2	26.4
≥ 5000		13.3	15.4	17.9	18.9	19.9	21.9	23.6	24.7	27.2	28.6	28.6	28.8	28.8	28.8	29.0
≥ 4500		13.9	16.0	18.6	19.7	20.6	22.7	24.4	25.5	27.9	29.4	29.4	29.6	29.6	29.6	29.8
≥ 4000		14.7	16.9	19.7	21.0	21.9	24.1	26.0	27.1	29.5	31.0	31.0	31.2	31.2	31.2	31.4
≥ 3500		16.5	18.9	22.2	23.5	24.5	26.8	28.9	30.1	32.5	34.0	34.0	34.2	34.2	34.2	34.4
≥ 3000		18.5	21.3	24.7	26.1	27.1	29.7	31.8	32.9	35.6	37.2	37.2	37.4	37.4	37.4	37.6
≥ 2500		21.3	24.5	28.1	30.2	31.1	34.1	36.3	37.5	40.4	42.1	42.1	42.4	42.4	42.4	42.6
≥ 2000		24.6	28.3	32.7	35.0	35.9	39.9	42.5	43.7	46.6	48.3	48.3	48.6	48.6	48.6	48.8
≥ 1800		25.7	29.8	34.3	36.7	37.8	41.7	44.4	45.7	48.6	50.3	50.3	50.5	50.5	50.5	50.7
≥ 1500		27.6	32.3	36.8	39.7	41.1	45.6	48.8	50.1	53.0	54.9	54.9	55.2	55.2	55.2	55.4
≥ 1200		29.8	35.1	40.7	44.8	46.8	52.2	56.5	58.2	61.6	64.0	64.2	64.5	64.5	64.5	64.7
≥ 1000		31.1	37.1	43.2	47.6	50.1	55.8	60.4	62.5	66.6	69.3	69.7	70.1	70.4	70.4	70.6
≥ 900		31.4	37.4	43.9	48.7	51.6	58.0	62.8	65.1	69.5	72.5	72.9	73.3	73.6	73.6	73.8
≥ 800		32.1	38.8	45.3	50.4	53.8	61.4	66.6	69.5	74.2	77.6	78.1	78.4	78.9	78.9	79.1
≥ 700		32.3	39.8	46.3	51.3	55.0	63.1	68.8	71.8	76.8	80.3	80.9	81.5	82.2	82.4	82.9
≥ 600		32.3	40.1	46.8	52.2	56.3	64.8	71.3	74.8	80.3	84.0	84.6	85.5	86.4	86.5	87.1
≥ 500		32.3	40.2	47.4	52.9	57.1	66.5	73.9	76.7	82.9	87.3	87.9	88.9	90.2	90.3	90.8
≥ 400		32.3	40.2	47.4	52.9	57.1	66.5	73.9	76.7	82.9	87.3	87.9	88.9	90.2	90.3	90.8
≥ 300		32.3	40.2	47.4	52.9	57.1	66.5	73.9	76.7	82.9	87.3	87.9	88.9	90.2	90.3	90.8
≥ 200		32.3	40.2	47.4	52.9	57.1	66.5	73.9	76.7	82.9	87.3	87.9	88.9	90.2	90.3	90.8
≥ 100		32.3	40.2	47.4	52.9	57.1	66.5	73.9	76.7	82.9	87.3	87.9	88.9	90.2	90.3	90.8
≥ 0		32.3	40.2	47.4	52.9	57.1	66.5	73.9	76.7	82.9	87.3	87.9	88.9	90.2	90.3	90.8

TOTAL NUMBER OF OBSERVATIONS 935

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053
STATION

FULDA GERMANY AAF
STATION NAME

60-70
YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12.0-14.1
MONTHS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING ≥ 20000		8.5	9.3	10.4	11.2	11.9	12.8	14.4	16.0	17.7	18.5	16.6	16.7	19.0	19.0	19.1
≥ 18000		10.1	10.9	12.0	13.0	13.9	14.9	16.9	18.5	20.2	21.1	21.3	21.4	21.6	21.6	21.7
≥ 16000		10.1	10.9	12.0	13.0	13.9	14.9	16.9	18.5	20.2	21.1	21.3	21.4	21.6	21.6	21.7
≥ 14000		10.1	10.9	12.0	13.0	13.9	14.9	16.9	18.5	20.2	21.3	21.4	21.5	21.7	21.7	21.8
≥ 12000		10.4	11.3	12.6	13.7	14.6	15.5	17.7	19.3	21.0	22.1	22.2	22.3	22.5	22.5	22.6
≥ 10000		11.8	12.9	14.4	15.5	16.7	17.7	20.1	21.8	23.7	24.7	24.8	24.9	25.1	25.1	25.3
≥ 9000		12.7	14.1	15.5	16.7	17.8	19.2	21.6	23.3	25.1	26.2	26.3	26.4	26.6	26.6	26.7
≥ 8000		13.7	15.2	17.3	18.5	19.7	21.0	23.4	25.1	27.0	28.0	28.1	28.2	28.5	28.5	28.6
≥ 7000		14.4	15.9	17.9	19.2	20.7	22.2	24.6	26.4	28.5	29.5	29.6	29.7	29.9	29.9	30.1
≥ 6000		15.1	16.6	18.7	20.0	21.6	23.1	25.5	27.3	29.4	30.4	30.5	30.6	30.9	30.9	31.0
≥ 5000		17.0	19.0	21.3	22.6	24.3	25.9	28.3	30.2	32.2	33.3	33.4	33.5	33.7	33.7	33.8
≥ 4500		17.5	19.4	21.7	23.1	24.8	26.5	28.9	30.9	32.9	33.9	34.1	34.2	34.4	34.4	34.5
≥ 4000		18.3	20.3	22.9	24.2	26.1	27.9	30.4	32.3	34.4	35.5	35.7	35.8	36.0	36.0	36.1
≥ 3500		20.6	22.9	25.6	27.3	29.1	31.1	33.8	35.9	37.9	39.1	39.2	39.3	39.5	39.5	39.7
≥ 3000		23.0	25.3	28.0	29.7	31.8	33.9	36.9	39.0	41.4	42.5	42.6	42.7	43.0	43.0	43.1
≥ 2500		25.6	28.6	31.5	33.3	35.7	38.2	41.3	43.3	45.8	47.0	47.1	47.2	47.4	47.4	47.5
≥ 2000		27.3	30.6	34.4	36.7	39.0	42.4	45.6	47.7	50.2	51.3	51.4	51.5	51.8	51.8	51.9
≥ 1800		28.6	32.0	35.8	38.5	40.8	44.2	47.4	49.5	52.0	53.1	53.3	53.4	53.6	53.6	53.7
≥ 1500		30.9	35.1	39.9	43.7	46.4	49.9	53.3	55.4	58.1	59.5	59.7	59.9	60.1	60.1	60.2
≥ 1200		33.3	38.5	44.5	49.0	52.2	57.0	60.7	63.8	66.4	68.1	68.3	68.7	68.9	68.9	69.0
≥ 1000		32.9	39.4	45.7	50.7	54.3	59.7	63.8	66.8	70.2	72.0	72.3	72.8	73.1	73.1	73.3
≥ 900		35.0	40.9	47.7	52.8	56.5	62.6	67.0	69.9	73.8	75.7	76.0	76.5	76.8	76.8	76.9
≥ 800		36.1	42.4	49.6	55.2	59.5	66.7	71.4	74.5	78.5	80.6	81.0	81.6	82.1	82.1	82.2
≥ 700		36.2	43.3	51.1	57.0	62.2	69.8	75.0	78.2	82.5	84.7	85.1	85.7	86.2	86.2	86.3
≥ 600		36.3	43.3	51.9	58.2	63.9	71.4	77.3	80.7	85.0	87.5	88.3	88.9	89.7	89.7	89.8
≥ 500		36.3	43.9	52.2	58.6	64.7	72.8	78.7	82.5	87.5	90.5	91.4	92.1	93.1	93.1	93.3
≥ 400		36.5	43.9	52.2	59.0	65.1	73.8	79.9	83.7	88.9	92.1	93.1	93.9	95.8	95.9	96.1
≥ 300		36.5	44.0	52.3	59.2	65.4	74.2	80.2	84.0	89.3	92.8	93.9	95.2	97.3	97.5	98.3
≥ 200		36.5	44.0	52.3	59.2	65.4	74.2	80.2	84.0	89.3	92.8	94.1	95.3	97.5	97.7	99.1
≥ 100		36.5	44.0	52.3	59.2	65.4	74.2	80.3	84.1	89.4	92.9	94.2	95.4	97.7	98.1	100.0
≥ 0		36.5	44.0	52.3	59.2	65.4	74.2	80.3	84.1	89.4	92.9	94.2	95.4	97.7	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 875

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF
STATION STATION NAME

00-7

YEARS

WOM

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12.4-17.0
HOURS PER DAY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING		7.7	8.5	10.1	11.1	12.0	13.0	14.1	14.7	15.9	16.8	16.9	16.9	16.9	16.9	16.9
≥20000		9.5	10.6	12.3	13.5	14.6	15.7	17.0	17.6	19.0	20.0	20.1	20.1	20.1	20.1	20.1
IV 18000		9.5	10.6	12.3	13.5	14.6	15.7	17.0	17.6	19.0	20.0	20.1	20.1	20.1	20.1	20.1
IV 16000		9.7	10.8	12.5	13.7	14.8	15.9	17.3	17.9	19.2	20.2	20.3	20.3	20.3	20.3	20.3
IV 14000		9.7	10.8	12.5	13.7	14.8	15.9	17.3	17.9	19.2	20.2	20.3	20.3	20.3	20.3	20.3
IV 12000		10.3	11.4	13.1	14.4	15.5	16.5	17.9	18.5	20.0	21.2	21.3	21.3	21.3	21.3	21.3
IV 10000		11.2	12.3	14.1	15.6	16.7	17.9	19.5	20.2	21.7	22.9	23.0	23.0	23.0	23.0	23.1
IV 9000		12.3	13.6	15.5	16.9	18.0	19.6	21.4	22.1	23.6	24.8	24.9	24.9	24.9	24.9	25.1
IV 8000		13.4	14.8	17.0	18.5	19.6	21.2	23.4	24.1	25.7	26.9	27.0	27.0	27.0	27.0	27.1
IV 7000		14.0	15.5	17.6	19.2	20.4	22.0	24.3	25.1	26.8	28.0	28.1	28.1	28.1	28.1	28.2
IV 6000		14.4	15.8	18.0	19.6	20.9	22.5	24.8	25.5	27.3	28.5	28.6	28.6	28.6	28.6	28.7
IV 5000		15.8	17.3	19.6	21.3	22.7	24.5	27.0	27.7	29.4	30.7	30.8	30.8	30.8	30.8	30.9
IV 4500		16.2	17.6	20.1	21.8	23.2	24.9	27.5	28.2	30.0	31.3	31.4	31.4	31.4	31.4	31.5
IV 4000		18.0	20.1	22.6	25.1	26.8	29.0	31.5	32.2	34.1	35.3	35.4	35.4	35.4	35.4	35.5
IV 3500		20.3	22.5	25.5	28.2	29.9	32.1	34.8	35.5	37.3	38.6	38.7	38.7	38.7	38.7	38.8
IV 3000		22.3	24.7	26.1	30.8	32.6	35.2	38.3	39.3	41.2	42.5	42.6	42.6	42.6	42.6	42.7
IV 2500		25.4	28.0	32.7	35.8	38.0	40.6	44.2	45.1	47.2	48.5	48.7	48.7	48.7	48.7	48.8
IV 2000		28.3	32.0	37.6	41.1	43.7	46.6	50.9	51.3	54.4	55.7	55.8	55.8	55.8	56.0	56.1
IV 1800		29.1	33.0	38.6	42.3	44.9	47.9	52.2	53.2	55.7	57.1	57.2	57.2	57.2	57.3	57.4
IV 1500		30.5	35.4	41.6	45.7	48.4	52.2	56.4	57.5	60.3	61.9	62.0	62.0	62.0	62.2	62.3
IV 1200		32.6	37.7	45.1	50.1	53.3	58.2	63.0	64.4	67.8	69.2	69.3	69.3	69.3	69.5	69.6
IV 1000		33.1	39.7	47.1	53.4	57.1	62.3	67.9	69.7	73.6	75.2	75.3	75.3	75.4	75.4	75.5
IV 900		33.7	41.1	49.0	55.4	59.0	64.5	70.4	72.4	76.3	77.9	78.0	78.0	78.2	78.2	78.3
IV 800		34.9	42.6	51.1	57.8	61.7	67.6	74.0	76.0	80.0	81.8	81.9	81.9	82.4	82.4	82.5
IV 700		35.2	43.8	52.9	60.2	64.7	71.5	78.3	80.7	84.7	86.7	86.9	86.9	87.3	87.3	87.5
IV 600		35.2	44.2	53.9	61.4	66.2	73.1	80.7	83.2	87.7	90.0	90.8	90.8	91.4	91.4	91.5
IV 500		35.2	44.2	53.9	61.4	66.2	73.1	81.0	83.9	89.3	92.0	93.1	93.2	94.2	94.2	94.3
IV 400		35.1	44.3	54.0	61.7	66.5	74.0	82.0	84.9	90.6	93.4	94.5	94.9	96.5	96.5	96.6
IV 300		35.3	44.3	54.0	61.7	66.5	74.1	82.1	85.0	90.8	93.9	95.1	95.5	98.2	98.4	99.3
IV 200		35.3	44.3	54.0	61.7	66.5	74.1	82.1	85.0	90.8	93.9	95.1	95.6	98.3	98.5	99.5
IV 100		35.3	44.3	54.0	61.7	66.5	74.1	82.1	85.0	90.8	93.9	95.1	95.6	98.3	98.7	99.9
IV 0		35.3	44.3	54.0	61.7	66.5	74.1	82.1	85.0	90.8	93.9	95.1	95.6	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 822

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

35053
STATION

FULDA GERMANY AAF

STATION NAME

00-7

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12-0-2-2-2
NOBS 13

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		8.0	9.3	12.1	12.2	12.6	13.2	15.4	15.6	17.4	17.5	17.8	17.8	17.8	17.8	17.8
≥ 20000		8.9	10.4	13.5	13.9	14.3	15.4	17.6	17.8	19.7	19.9	20.0	20.0	20.0	20.0	20.0
IV 18000		8.9	10.4	13.5	13.9	14.3	15.4	17.6	17.8	19.7	19.9	20.0	20.0	20.0	20.0	20.0
IV 16000		8.9	10.4	13.5	13.9	14.3	15.4	17.6	17.8	19.7	19.9	20.0	20.0	20.0	20.0	20.0
IV 14000		8.9	10.4	13.5	13.9	14.3	15.4	17.6	17.8	19.7	19.9	20.0	20.0	20.0	20.0	20.0
IV 12000		9.1	10.6	13.7	14.1	14.5	15.6	17.8	18.0	19.9	20.2	20.4	20.4	20.4	20.4	20.4
IV 10000		9.6	11.1	14.3	14.7	15.4	16.5	19.1	19.5	21.3	21.7	21.9	21.9	21.9	21.9	21.9
IV 9000		9.6	11.1	14.3	14.7	15.4	16.5	19.1	19.5	21.3	21.7	21.9	21.9	21.9	21.9	21.9
IV 8000		10.2	11.7	14.8	15.2	16.0	17.1	19.7	20.0	21.9	22.3	22.4	22.4	22.4	22.4	22.4
IV 7000		10.9	12.4	15.6	16.0	16.7	17.8	20.4	20.8	22.6	23.0	23.2	23.2	23.2	23.2	23.2
IV 6000		11.1	12.6	15.8	16.1	16.9	18.0	20.6	21.0	22.8	23.2	23.4	23.4	23.4	23.4	23.4
IV 5000		13.2	14.7	17.8	18.2	18.9	20.0	22.6	23.0	24.9	25.2	25.4	25.6	25.6	25.6	25.6
IV 4500		14.1	15.8	19.1	20.0	20.8	21.9	24.9	25.2	27.1	27.5	27.6	27.6	27.6	27.6	27.6
IV 4000		16.9	18.6	22.4	23.9	24.9	26.0	28.9	29.3	31.2	31.5	31.7	31.7	31.7	31.7	31.7
IV 3500		19.1	20.8	25.4	26.9	27.8	28.9	31.9	32.3	34.1	34.5	34.7	34.7	34.7	34.7	34.7
IV 3000		21.0	22.8	28.0	29.7	30.6	32.7	35.8	36.2	38.0	38.4	38.6	38.6	38.6	38.6	38.6
IV 2500		24.7	26.9	32.8	34.9	35.8	38.0	41.2	41.6	43.4	43.8	44.0	44.0	44.0	44.0	44.0
IV 2000		28.4	31.2	38.0	41.7	42.9	46.2	49.5	50.1	52.1	52.5	52.7	52.7	52.7	52.7	52.7
IV 1800		28.9	32.1	39.3	43.2	44.3	48.2	51.6	52.1	54.7	55.1	55.3	55.3	55.3	55.3	55.3
IV 1500		27.3	33.4	41.0	45.3	46.4	50.2	54.4	55.1	57.7	58.1	58.4	58.4	58.4	58.4	58.4
IV 1200		31.5	36.4	44.3	49.3	51.0	55.7	60.7	62.2	65.3	65.9	66.2	66.2	66.2	66.2	66.2
IV 1000		32.3	37.3	46.4	52.3	54.0	59.7	66.0	68.5	71.8	72.4	72.7	72.7	72.7	72.7	72.7
IV 900		33.0	39.0	48.1	54.2	56.0	61.8	68.6	71.1	74.8	75.3	76.3	76.3	76.3	76.3	76.3
IV 800		33.6	39.9	49.7	56.0	58.3	64.4	71.2	73.8	77.7	78.3	79.2	79.4	79.4	79.4	79.4
IV 700		34.0	41.4	53.2	59.7	62.2	69.0	76.8	79.4	83.3	83.9	84.8	85.0	85.0	85.0	85.0
IV 600		34.1	41.9	54.5	61.4	64.0	71.8	79.8	83.1	87.0	87.9	89.2	89.4	89.4	89.4	89.4
IV 500		34.3	42.1	54.7	61.6	64.4	72.4	80.5	84.2	88.3	89.6	92.0	92.2	92.2	92.2	92.2
IV 400		34.3	42.1	54.7	61.6	64.6	73.3	82.0	86.5	91.7	92.9	95.4	95.9	96.5	96.7	97.0
IV 300		34.3	42.1	54.7	61.6	64.7	73.5	82.2	86.6	92.0	93.5	95.9	96.5	97.0	97.2	99.3
IV 200		34.3	42.1	54.7	61.6	64.7	73.5	82.2	86.6	92.0	93.5	95.9	96.5	97.0	97.2	99.3
IV 100		34.3	42.1	54.7	61.6	64.7	73.5	82.2	86.6	92.0	93.5	95.9	96.5	97.0	97.2	100.0
IV 0		34.3	42.1	54.7	61.6	64.7	73.5	82.2	86.6	92.0	93.5	95.9	96.5	97.0	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS

539

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

35053 FULDA GERMANY AAF

54706

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21-723

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.7	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING		11.3	11.8	11.8	12.9	12.9	13.4	13.4	13.4	14.0	14.5	14.5	14.5	15.1	15.1	15.1
≥ 20000		12.4	12.9	12.9	14.0	14.0	15.1	15.1	15.1	16.7	17.2	17.2	17.2	17.7	17.7	17.7
≥ 18000		12.4	12.9	12.9	14.0	14.0	15.1	15.1	15.1	16.7	17.2	17.2	17.2	17.7	17.7	17.7
≥ 16000		12.4	12.9	12.9	14.0	14.0	15.1	15.1	15.1	16.7	17.2	17.2	17.2	17.7	17.7	17.7
≥ 14000		12.4	12.9	12.9	14.0	14.0	15.1	15.1	15.1	16.7	17.2	17.2	17.2	17.7	17.7	17.7
≥ 12000		12.4	12.9	12.9	14.0	14.0	15.1	15.1	15.1	16.7	17.2	17.2	17.2	17.7	17.7	17.7
≥ 10000		12.4	12.9	12.9	14.0	14.5	17.7	17.7	17.7	18.3	18.8	18.8	18.8	19.4	19.4	19.4
≥ 9000		12.4	12.9	12.9	14.0	14.5	17.7	17.7	17.7	18.3	18.8	18.8	18.8	19.4	19.4	19.4
≥ 8000		13.4	14.0	14.0	15.1	15.6	18.8	18.8	18.8	19.4	19.9	19.9	19.9	20.4	20.4	20.4
≥ 7000		13.4	14.0	14.0	15.1	15.6	18.8	18.8	18.8	19.4	19.9	19.9	19.9	20.4	20.4	20.4
≥ 6000		13.4	15.1	15.1	16.1	16.7	19.9	19.9	19.9	20.4	21.0	21.0	21.0	21.5	21.5	21.5
≥ 5000		15.1	16.7	16.7	17.7	18.3	21.5	21.5	21.5	23.1	23.7	23.7	23.7	24.2	24.2	24.2
≥ 4500		15.1	17.2	18.8	19.9	20.4	23.7	23.7	23.7	25.3	25.8	25.8	25.8	26.3	26.3	26.3
≥ 4000		17.7	19.9	23.1	24.7	25.3	28.5	28.5	28.5	30.1	30.6	30.6	30.6	31.2	31.2	31.2
≥ 3500		20.4	23.1	27.4	29.0	29.6	32.8	32.8	32.8	34.4	34.9	34.9	34.9	35.5	35.5	35.5
≥ 3000		24.2	29.0	34.4	36.0	36.6	39.8	39.8	39.8	41.4	41.9	41.9	41.9	42.5	42.5	42.5
≥ 2500		27.4	32.3	38.7	40.3	40.9	44.1	44.1	44.1	45.7	46.2	46.2	46.2	46.8	46.8	46.8
≥ 2000		32.8	40.9	48.4	51.1	51.6	54.8	54.8	54.8	56.4	57.0	57.0	57.0	57.5	57.5	57.5
≥ 1800		35.5	44.6	52.2	54.8	55.4	58.6	58.6	58.6	60.2	60.8	60.8	60.8	61.3	61.3	61.3
≥ 1500		37.1	48.4	56.5	59.7	60.2	63.4	63.4	63.4	65.1	65.6	65.6	65.6	66.1	66.1	66.1
≥ 1200		41.9	55.4	65.1	68.8	69.9	74.2	75.8	75.8	77.4	78.0	78.0	78.0	79.0	79.0	79.0
≥ 1000		43.0	57.5	68.8	73.7	75.3	80.0	82.3	82.3	83.9	84.4	84.4	84.4	85.5	85.5	85.5
≥ 900		43.0	57.5	68.8	73.7	75.3	80.0	82.3	82.3	83.9	84.4	84.4	84.4	85.5	85.5	85.5
≥ 800		43.0	57.5	68.8	73.7	75.3	80.0	82.3	82.3	83.9	84.4	84.4	84.4	85.5	85.5	85.5
≥ 700		44.1	59.7	74.7	81.7	84.9	90.9	93.3	93.3	95.2	96.8	96.8	96.8	98.4	98.4	98.4
≥ 600		44.1	59.7	74.7	81.7	84.9	90.9	93.3	93.3	95.2	96.8	96.8	96.8	98.4	98.4	98.4
≥ 500		44.1	59.7	74.7	81.7	84.9	90.9	93.3	93.3	95.2	96.8	96.8	96.8	98.4	98.4	98.4
≥ 400		44.1	59.7	74.7	81.7	84.9	90.9	93.3	93.3	95.2	96.8	96.8	96.8	98.4	98.4	98.4
≥ 300		44.1	59.7	74.7	81.7	84.9	90.9	93.3	93.3	95.2	96.8	96.8	96.8	98.4	98.4	98.4
≥ 200		44.1	59.7	74.7	81.7	84.9	90.9	93.3	93.3	95.2	96.8	96.8	96.8	98.4	98.4	98.4
≥ 100		44.1	59.7	74.7	81.7	84.9	90.9	93.3	93.3	95.2	96.8	96.8	96.8	98.4	98.4	98.4
≥ 0		44.1	59.7	74.7	81.7	84.9	90.9	93.3	93.3	95.2	96.8	96.8	96.8	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 106

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

SKY COVER

35059 FULDA GERMANY AAF

60-70

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	4.5	2.3	1.5	2.1	1.9	1.2	2.2	2.2	4.3	4.2	74.1	8.7	4757
FEB		7.8	2.3	2.5	2.4	2.2	1.6	2.9	2.6	5.0	5.2	65.7	8.1	4340
MAR		12.7	3.3	1.8	3.3	2.7	2.1	3.2	2.6	5.3	5.7	37.5	7.4	4873
APR		9.9	3.5	2.7	3.3	2.5	2.6	2.9	4.0	7.7	7.8	53.1	7.5	4332
MAY		8.0	4.0	3.2	4.4	4.0	3.2	3.4	4.5	9.3	8.5	47.4	7.3	5251
JUN		9.2	5.8	3.8	5.5	4.5	3.8	4.4	5.1	9.0	9.0	40.0	6.8	5031
JUL		9.4	4.9	2.5	4.8	4.4	3.6	4.6	4.5	9.0	8.8	43.6	7.0	4383
AUG		9.7	3.9	2.9	4.6	4.4	3.6	4.2	5.2	9.0	9.0	43.5	7.1	5123
SEP		10.2	4.1	2.9	5.3	3.5	2.8	3.8	4.2	7.6	7.7	48.0	7.2	4777
OCT		12.4	3.6	2.8	4.3	3.0	2.7	2.9	3.6	4.8	6.2	53.7	7.2	4777
NOV		4.9	2.0	2.0	2.8	2.0	1.4	1.9	1.9	4.4	4.8	71.9	8.5	4977
DEC		5.7	2.4	2.3	2.6	1.7	1.0	1.8	1.9	3.2	3.9	73.6	6.5	4839
TOTALS		8.7	3.5	2.6	3.8	3.0	2.5	3.2	3.5	6.6	6.7	36.0	7.6	58822

SKY COVER

61-70

STATION

STATION NAME

PERIOD

MONITORING

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	3.2	1.1	1.6	2.7	1.1	1.1	3.2	4.3	3.2	2.2	76.2	8.8	135
	03-05	6.2	2.1	1.4	1.6	1.2	.9	3.2	1.6	3.5	2.8	75.6	8.6	434
	06-08	5.7	1.5	1.5	2.5	1.8	1.9	1.9	1.3	5.1	4.0	72.9	8.5	235
	09-11	3.3	2.1	1.3	1.8	1.0	1.4	1.7	2.6	5.1	5.7	73.3	8.8	870
	12-14	4.2	4.1	1.1	2.6	2.1	.9	.9	1.8	5.5	5.1	71.7	8.5	855
	15-17	4.0	3.3	2.5	1.9	1.9	1.3	2.3	1.9	5.7	5.9	62.4	8.4	823
	18-20	3.5	2.2	1.5	3.3	1.8	1.7	1.5	2.2	3.3	3.9	75.1	8.7	542
	21-23	4.8	1.6	1.1	.5	1.1		2.7	2.1	2.7	3.7	79.7	8.9	187
TOTALS		4.5	2.3	1.5	2.1	1.0	1.2	2.2	2.2	4.3	4.2	74.1	8.7	4737

FORM
JUL 64

0.9.5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

01-70

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	13.1	3.6	3.6	2.4	.6		2.4	3.0	4.8	3.6	65.1	7.6	150
	03-05	12.9	2.3	2.8	2.8	2.8	1.3	2.0	.5	4.8	3.3	64.6	7.6	395
	06-08	5.3	1.7	1.8	1.7	2.6	2.4	3.1	2.4	6.0	4.4	68.7	8.4	779
	09-11	2.3	2.1	2.0	2.1	2.6	1.5	2.4	2.0	5.5	6.9	70.6	8.7	798
	12-14	4.2	2.6	2.3	2.4	1.9	1.8	3.1	2.6	5.6	8.0	65.5	8.4	763
	15-17	4.9	2.9	2.2	2.4	1.8	2.4	3.7	3.8	5.5	5.8	64.6	8.2	759
	18-20	6.9	2.9	2.0	2.9	3.3	2.4	3.9	1.4	3.9	5.1	65.3	8.0	490
	21-23	13.1		3.6	2.4	1.8	.6	2.4	4.8	4.2	4.2	63.1	7.7	168
TOTALS		7.8	2.3	2.5	2.4	2.2	1.6	2.9	2.6	5.0	5.2	63.7	8.1	4340

SKY COVER

61-70

STATION

STATION NAME

PERIOD

MONT:

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	22.0	.5	.5	1.1	2.2	2.2	3.2	3.2	4.8	2.7	57.5	7.0	186
	03-05	16.4	2.3	2.1	3.7	2.5	1.4	1.6	1.8	2.7	3.7	61.6	7.3	438
	06-08	5.7	3.9	2.4	4.1	3.2	1.9	3.2	2.6	4.0	5.3	63.8	8.1	951
	09-11	6.8	3.9	2.3	3.6	1.9	2.8	3.2	2.3	5.1	6.7	61.3	7.7	397
	12-14	7.8	4.1	2.3	1.8	2.1	2.0	4.9	4.1	7.6	8.0	55.3	7.8	884
	15-17	9.6	2.3	1.6	3.2	2.6	2.9	3.2	2.6	8.8	9.1	54.0	7.7	855
	18-20	9.4	4.4	1.5	4.2	4.1	3.3	3.7	1.8	5.9	7.4	54.3	7.4	543
	21-23	23.7	4.3	1.6	4.3	3.2		2.2	2.7	3.2	2.7	52.2	6.4	186
TOTALS		12.7	3.3	1.8	3.3	2.7	2.1	3.2	2.6	5.3	5.7	57.5	7.4	4873

SKY COVER

61-70

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	22.0	4.8	3.2	3.2	2.2	2.7	1.1	2.7	6.5	2.2	49.5	6.3	130
	03-05	12.9	3.5	2.2	3.0	2.6	1.7	1.3	3.0	5.4	5.2	58.0	7.4	401
	06-08	6.6	3.0	1.4	2.9	3.4	1.2	2.1	1.6	5.9	7.3	64.0	8.1	361
	09-11	6.6	3.0	1.5	1.7	2.3	2.5	3.3	5.1	9.0	10.0	54.7	8.0	577
	12-14	4.6	2.8	1.2	2.8	2.2	2.9	3.0	5.8	10.6	12.9	51.4	8.1	364
	15-17	4.2	3.5	.7	2.5	1.9	3.8	3.9	5.6	9.3	11.6	53.0	8.1	339
	18-20	6.6	4.3	2.7	5.0	2.3	1.8	4.0	4.6	9.4	9.3	49.3	7.6	562
	21-23	14.5	3.4	8.4	5.0	2.8	4.5	3.4	3.9	5.6	3.9	44.7	6.4	179
TOTALS		9.9	3.5	2.7	3.3	2.5	2.6	2.9	4.0	7.7	7.8	53.1	7.5	4832

SKY COVER

61-70

STATION

STATION NAME

PERIOD

MONITOR

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	24.5	4.3	4.3	5.6	4.3	3.2	1.4	3.2	5.1	1.4	42.2	5.7	277
	03-05	9.0	4.4	4.5	3.5	4.4	2.9	2.6	4.0	6.8	4.2	53.4	7.3	545
	06-08	6.3	4.5	1.7	4.5	2.6	2.8	3.0	1.8	7.2	6.6	56.9	7.6	971
	09-11	4.6	3.2	2.1	3.7	4.5	3.3	2.9	4.4	9.8	11.7	49.7	7.8	367
	12-14	2.2	1.9	1.6	3.2	3.6	2.6	5.2	6.0	13.7	13.3	46.7	8.1	881
	15-17	2.1	2.1	2.5	3.4	3.7	3.4	4.6	5.3	13.7	14.8	44.5	8.0	854
	18-20	4.9	4.5	3.1	3.8	4.5	3.4	4.1	5.0	10.8	10.2	45.6	7.5	638
	21-23	10.4	7.0	5.7	7.4	4.7	4.0	3.7	6.4	7.0	3.7	39.9	6.4	298
TOTALS		8.0	4.0	3.2	4.4	4.0	3.2	3.4	4.5	9.3	9.5	47.4	7.2	5251

SKY COVER

61-70

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	20.3	5.0	5.4	4.3	4.1	4.1	4.5	4.5	7.2	5.9	34.7	5.8	222
	03-05	10.6	7.2	2.6	6.8	4.0	2.6	3.2	4.8	6.8	6.0	45.3	6.6	499
	06-08	10.7	6.7	3.7	4.6	3.8	3.2	3.9	3.9	7.7	7.5	44.4	6.8	371
	09-11	6.6	7.4	4.1	6.1	5.0	4.5	4.5	6.1	8.3	9.2	38.2	6.8	803
	12-14	2.8	3.9	2.4	5.0	5.2	2.7	6.1	6.4	12.1	12.1	38.3	7.4	978
	15-17	3.1	3.8	2.9	4.5	5.1	4.5	5.5	4.8	10.2	13.3	42.3	7.6	849
	18-20	6.8	5.8	2.3	5.7	4.5	3.0	3.8	2.5	9.2	12.2	44.1	7.3	599
	21-23	12.9	6.7	6.7	6.7	4.5	2.7	3.6	7.6	10.7	5.4	32.6	6.1	224
TOTALS		9.2	5.8	3.8	5.5	4.5	3.8	4.4	5.1	9.0	9.0	40.0	6.2	5031

SKY COVER

61-75

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	23.3	3.2	5.3	5.3	2.1	1.6	4.2	5.3	4.2	3.7	41.8	5.9	139
	03-05	9.8	6.3	2.2	5.0	4.8	3.1	5.2	3.1	7.2	7.3	45.5	7.0	459
	06-08	8.4	4.6	3.0	3.6	3.9	2.4	4.1	3.2	8.5	10.9	47.2	7.3	364
	09-11	8.1	6.0	1.6	4.7	5.1	4.1	4.0	3.5	10.3	5.0	43.6	7.1	381
	12-14	3.0	2.6	1.4	5.2	5.3	4.7	6.0	6.0	12.6	14.4	38.9	7.5	572
	15-17	3.2	2.6	2.3	5.1	5.1	4.4	5.3	6.3	12.6	10.4	42.7	7.6	843
	18-20	7.1	7.7	1.2	4.4	6.1	4.4	3.6	3.7	11.4	10.9	39.5	7.0	588
	21-23	12.2	6.4	2.7	5.3	2.7	3.7	4.3	4.8	5.3	3.2	49.5	6.8	188
TOTALS		9.4	4.9	2.5	4.8	4.4	3.6	4.6	4.5	9.0	8.3	43.6	7.0	4363

SKY COVER

61-72

STATION

STATION NAME

PERIOD

MONIH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	25.8	5.9	5.9	3.8	4.8	3.2	1.6	4.3	5.9	1.6	37.1	5.4	135
	03-05	10.5	5.0	2.3	4.1	4.8	3.3	3.7	2.6	7.0	6.8	48.8	7.1	459
	06-08	5.9	2.7	2.6	2.7	2.8	2.2	2.5	3.5	8.5	9.0	57.6	8.0	692
	09-11	7.0	3.2	2.0	3.7	4.0	2.8	4.9	4.8	10.8	10.8	46.0	7.6	914
	12-14	3.1	3.6	1.8	2.9	3.7	3.7	5.6	7.5	12.2	14.0	42.0	7.8	912
	15-17	3.1	2.3	2.1	4.8	5.6	5.0	6.3	6.3	10.5	14.1	40.0	7.6	377
	18-20	6.6	5.1	2.0	5.6	5.6	5.6	4.9	7.4	6.1	8.9	42.4	7.1	594
	21-23	15.5	3.7	3.7	9.1	3.7	2.7	4.3	5.3	10.7	7.0	34.2	6.2	187
TOTALS		9.7	3.9	2.9	4.6	4.4	3.6	4.2	5.2	9.0	9.0	43.5	7.1	5023

SKY COVER

60-70

STATION

STATION NAME

PERIOD

MONITORING

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	19.5	3.2	4.3	7.0	1.6	2.7	1.1	2.7	5.9	3.8	46.1	6.4	135
	03-05	8.6	2.1	1.8	6.4	3.2	3.2	3.9	3.2	7.1	5.7	55.3	7.6	435
	06-08	3.9	2.8	.6	2.1	2.3	1.9	2.1	3.2	7.0	10.1	64.1	8.5	854
	09-11	6.5	3.3	1.8	3.6	3.6	2.3	3.7	4.9	7.3	10.3	52.7	7.8	914
	12-14	7.5	4.4	3.2	5.5	3.6	2.6	6.3	4.9	9.3	11.8	41.0	7.2	893
	15-17	9.3	6.2	2.0	5.5	5.0	3.9	3.7	5.2	9.4	8.8	41.1	6.9	554
	18-20	9.1	8.9	2.7	6.8	4.0	2.9	4.3	2.5	9.1	7.5	41.7	6.7	561
	21-23	17.8	1.6	7.0	5.4	3.8	2.7	5.4	7.0	5.9	3.2	40.0	6.2	125
TOTALS		10.2	4.1	2.9	5.3	3.5	2.8	3.8	4.2	7.6	7.7	48.0	7.2	4862

SKY COVER

207

MONIN

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
OCT	00-02	25.8	3.8	8.6	6.5	2.2	2.7	3.2	3.8	3.2	2.7	37.6	5.3	1-6
	03-05	13.5	2.3	1.1	3.4	4.1	2.5	2.7	2.1	4.6	4.6	59.0	7.4	437
	06-08	3.0	2.2	1.7	2.9	2.0	1.9	1.2	2.3	4.5	5.1	72.4	8.7	9.8
	09-11	3.5	2.7	1.2	2.5	2.1	1.1	2.2	2.2	4.6	9.0	68.6	9.6	981
	12-14	8.0	4.6	2.4	3.5	3.5	2.7	2.9	3.7	6.8	9.8	52.2	7.5	953
	15-17	10.7	5.0	2.0	2.8	3.3	2.7	4.0	3.4	5.8	8.0	52.4	7.3	918
	18-20	9.8	5.4	3.0	5.6	3.8	2.8	4.5	3.0	4.9	5.1	52.2	7.1	573
	21-23	24.7	2.7	2.7	7.5	2.7	4.8	2.7	8.6	4.3	4.3	34.9	5.6	186
TOTALS		12.4	3.6	2.8	4.3	3.0	2.7	2.9	3.6	4.8	6.2	53.7	7.2	5142

SKY COVER

60-70

STATION

STATION NAME

PERIOD

MONITOR

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	6.7	1.9	3.2	2.6	2.2	1.1	1.9	1.5	1.9	2.2	72.9	8.2	259
	03-05	9.0	1.3	1.7	1.3	2.4	1.7	1.5	1.7	5.6	3.4	70.1	8.3	405
	06-08	3.2	1.7	1.0	2.9	1.9	1.2	1.3	2.5	4.4	4.8	75.0	8.3	328
	09-11	2.2	1.6	.6	1.8	1.1	.3	1.6	2.0	5.8	7.6	75.6	9.1	901
	12-14	1.9	2.6	.3	2.1	1.0	2.1	2.3	2.5	5.4	6.5	73.2	8.9	877
	15-17	2.5	1.9	1.7	2.3	2.0	1.8	2.1	1.9	5.2	8.1	70.7	8.6	841
	18-20	7.0	3.0	1.9	2.5	2.9	2.5	2.3	2.1	5.1	3.8	66.9	8.1	524
	21-23	7.0	1.9	3.3	6.3	2.6	.7	2.2	1.1	1.9	3.2	70.7	8.0	270
TOTALS		4.9	2.0	2.0	2.8	2.0	1.4	1.9	1.9	4.4	4.8	71.9	8.5	4972

SKY COVER

60-70

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	8.9	.5	4.2	5.2	1.0	.3	2.1	1.6	3.7	2.6	69.0	8.0	191
	03-05	8.5	2.6	1.7	3.1	2.6	.7	2.6	1.7	4.2	1.9	70.5	8.1	424
	06-08	5.7	2.7	2.0	2.5	1.8	1.4	2.4	1.2	2.8	2.4	75.2	8.5	867
	09-11	2.4	3.3	1.7	2.5	2.0	1.3	1.5	1.2	4.2	5.7	74.3	8.7	935
	12-14	3.4	3.3	2.2	2.3	2.4	1.3	1.4	1.6	4.0	6.2	72.0	8.6	875
	15-17	4.4	2.7	1.6	1.6	1.0	1.1	1.6	2.1	3.5	5.0	75.5	8.7	822
	18-20	5.4	3.7	1.7	1.1	1.7	1.3	2.0	2.2	1.7	3.5	75.7	8.5	539
	21-23	7.0		3.2	2.7	1.1	.5	1.1	3.2	1.6	3.8	75.8	8.6	186
TOTALS		5.7	2.4	2.3	2.6	1.7	1.0	1.8	1.9	3.2	3.9	73.6	8.5	4839

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature
3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σX). The number of observations used in the computations for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1950; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

- 4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

- a. Dry-bulb temperature
- b. Wet-bulb temperature
- c. Dew-point temperature

- 5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC
 38053 FULDA GERMANY AAF
 STATION STATION NAME

64-67

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
85						1.7	6.5	1.6					8
80					3.3	10.0	24.2	6.5					2.9
75					17.4	21.7	33.9	24.2	8.3				9.7
70					22.8	46.7	56.5	50.0	21.7	3.6			17.6
65				6.7	34.8	65.0	77.4	80.6	40.0	14.3			28.1
60				26.7	68.3	81.7	93.9	98.4	76.7	40.2			42.8
55		1.9	16.1	46.7	91.3	93.0	100.0	100.0	96.7	74.2	2.2		43.9
50	3.3	7.1	29.0	56.7	98.9	100.0			100.0	91.9	11.1	1.7	60.0
45	13.1	25.0	74.2	90.0	100.0					98.4	24.4	15.3	69.0
40	34.4	35.7	96.8	100.0						100.0	48.9	40.7	78.2
35	72.1	66.1	100.0								80.0	69.5	90.1
30	91.8	89.3									93.3	91.5	97.0
25	93.4	100.0									100.0	96.6	99.2
20	98.4											100.0	99.9
15	100.0												100.0
MEAN	37.4	38.3	47.9	53.1	63.8	68.2	71.9	70.0	64.3	58.1	40.0	38.1	54.3
S. D.	6.711	7.342	4.768	7.228	8.004	7.962	8.495	6.135	6.041	5.733	6.799	6.158	15.013
TOTAL OBS.	61	56	31	30	92	60	62	62	60	52	90	59	725

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC
 35039 FULDA GERMANY AAF
 STATION STATION NAME

DAILY TEMPERATURES

64-67

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
60					2.2	3.3	8.1	9.7					1.8
59					21.7	10.0	40.3	19.4	6.7	6.8			7.2
58					51.1	53.0	79.0	45.2	33.3	17.7			22.2
48		1.8			90.0	90.0	98.4	82.3	73.3	40.4	1.1		39.9
40	1.6	7.1	16.1	23.3	81.3	96.7	100.0	100.0	91.7	59.7	12.3	5.1	52.6
35	27.9	19.6	61.3	66.7	94.6	100.0			100.0	69.4	22.2	22.0	63.4
33	54.1	25.0	80.6	80.0	97.8					77.4	33.3	42.4	73.5
30	67.2	41.1	93.5	86.7	98.9					91.9	61.1	69.2	83.7
25	86.9	62.3	100.0	100.0	100.0					98.4	85.6	84.7	92.6
20	91.8	83.9								100.0	95.6	93.2	97.0
15	95.1	92.9									97.8	98.3	98.6
10	98.4	100.0									100.0	100.0	99.9
5	100.0												100.0
MEAN	30.6	27.5	35.6	33.6	44.3	50.0	53.3	50.0	47.4	41.3	30.9	30.7	32.8
S.D.	6.671	5.228	5.934	4.279	5.708	5.047	4.263	5.733	5.136	6.881	6.693	6.069	10.739
TOTAL OBS.	61	56	31	30	92	60	62	62	60	62	90	59	723

DAILY TEMPERATURES

64-67

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

[illegible]

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

64-67

YEARS

WHOLE DEGREES FAHRENHEIT

MC.NTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL.	AUG	SEP	OCT	NOV	DEC	All MONTHS
65		90			77	82	83	80	75	69	59		
66											56	48	
67	53	55	58	67	80	86	89	85	77	70	50		
MEAN	52.0	46.5	58.0	67.0	78.5	84.0	84.0	82.5	76.0	69.5	53.7	48.0	
S. D.													
TOTAL OBS.	31	2	31	30	32	60	48	82	60	62	30	31	62

USAF ETAC FORM 0-88-5 (OLI)

EXTREME VALUES

19053 FULDA GERMANY AAF
STATION STATION NAME

64-67

YEARS

[illegible]

USA ETAC FORM 0-88-5 (OU)

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

25052 FULDA GERMANY AAP
STATION STATION NAME

64-67

WHOLE DEGREES FAHRENHEIT

[illegible]

USAF ETAC FORM 0-88-5 (OLI)

EXTREME VALUES

39053 FULDA GERMANY AAF
STATION STATION NAME

64-67

YEAR?

[illegible]

USAF ETAC FORM 0-88-5 (OU)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ IAC

PSYCHROMETRIC SUMMARY

35053
STATION

FULDA GERMANY AMF
STATION NAME

60-70
YEARS

LL
MONTH

LL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERA1.										DEPRESSION (F)										TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point								
94/ 93																		1	1										
92/ 91																		5	5										
90/ 89																		25	25										
88/ 87																		53	53										
86/ 85																		103	103										
84/ 83																		164	164										
82/ 81																		252	252										
80/ 79																		299	299										
78/ 77																		451	450										
76/ 75																		656	656										
74/ 73																		819	819										
72/ 71																		968	968										
70/ 69																		1091	1091										
68/ 67																		1482	1482										
66/ 65																		1634	1634										
64/ 63																		1857	1857										
62/ 61																		2121	2121										
60/ 59																		2664	2664										
58/ 57																		2693	2693										
56/ 55																		2792	2792										
54/ 53																		2789	2789										
52/ 51																		2491	2491										
50/ 49																		2819	2819										
48/ 47																		2524	2524										
46/ 45																		2500	2500										
44/ 43																		2371	2371										
42/ 41																		2558	2558										
40/ 39																		2474	2474										
38/ 37																		2557	2557										
36/ 35																		2784	2784										
34/ 33																		2934	2934										
32/ 31																		2435	2435										
30/ 29																		1680	1680										
28/ 27																		1344	1344										
Element (X)	Zx										X										No. Obs.		Mean No. of Hours with Temperature						
Rel Hum.																							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																													
Wet Bulb																													
Dew Point																													

NOTE: REVISOR ERRORS OF THE FORM ARE CORRECTED

USAFETAC 0-26-5 (OLA)

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MONTH

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REMOVED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC **FOR** **0-26-5 (OLA)**

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HOURS 11. 5. 1.

61-7.

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USAFETAC

35053
STATION

STATION NAME

61-7

YFARS

MON 7 4

2 L
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
TOTAL	30.9	61.5	7.2	.4	.1													4749	4749	4749	4749											
Element (X)	Z _x ²	Z _x	X	e _x	No. Obs.	Mean No. of Hours with Temperature																										
Rel. Hum.	36085619	412231	86.8	7.981	4749	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																				
Dry Bulb	4709039	143033	30.0	9.303	4761	5.0	395.7					744																				
Wet Bulb	4371408	137812	29.0	8.854	4749	5.2	436.8					744																				
Dew Point	3796170	126134	26.6	9.692	4749	8.8	528.7					744																				

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

35053
STATION

STATION NAME

01-7.

YEARS

444

3436

NO. 85 IL - S - T

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH

MOU95 11-5-7-1

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35053 FULDA - MANY AAF

61-7

YEARS

MONTH

Page 1

HOURS (L. S. 7.)

[illegible]

PSYCHROMETRIC SUMMARY

61-70

STATION NAME

YEARS

MONTH

24. 2

HOURS (L, S, T)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM 1

USAFETAC

PSYCHROMETRIC SUMMARY

61-70

YEARS

30
MONTH

PAGE 1

44
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
86/ 85																			1	1			
84/ 83																			2	3			
82/ 81																			7	7			
80/ 79																			4	6			
78/ 77																			11	11			
76/ 75																			16	16			
74/ 73																			25	25			
72/ 71																			31	21			
70/ 69																			51	51			
68/ 67																			69	58			
66/ 65																			69	49	1		
64/ 63																			96	96	1		
62/ 61																			117	117	34		
60/ 59																			146	146	50	1	
58/ 57																			176	179	64	3	
56/ 55																			219	219	109	15	
54/ 53																			222	222	147	34	
52/ 51																			285	285	279	97	
50/ 49																			402	402	412	233	
48/ 47																			375	375	469	255	
46/ 45																			379	379	444	342	
44/ 43																			410	410	455	422	
42/ 41																			411	411	444	457	
40/ 39																			392	392	477	465	
38/ 37																			297	297	452	478	
36/ 35																			232	233	374	473	
34/ 33																			180	180	292	428	
32/ 31																			90	90	180	380	
30/ 29																			63	63	89	292	
28/ 27																			30	30	38	203	
26/ 25																			11	11	10	103	
24/ 23																			11	11	13	73	
22/ 21																					9	35	
20/ 19																						10	
Element (X)	ΣX ²		ΣX		Σ		Σ _n		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

0-26-5 (OL-A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 3

USAFETAC

PSYCHROMETRIC SUMMARY

61-73

STATION

STATION NAME

YEARS

MONTH

2232

166
HOURS (1 5 7 1)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

1980

USAFETAC

PSYCHROMETRIC SUMMARY

61-70

MONTH

243

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
84/ 83									.1	.1	.1							3	3													
82/ 81									.1	.1	.1							4	4													
80/ 79							.0	.0	.1	.2	.2	.						19	19													
78/ 77						.0	.1	.2	.1	.2	.							36	36													
76/ 75						.0	.2	.3	.3	.2	.1							66	60													
74/ 73						.0	.3	.3	.5	.2	.0							71	71													
72/ 71					.1	.2	.3	.3	.4	.1	.							103	100													
70/ 69			.3	.0	.3	.3	.5	.3	.2	.1	.							162	162	1												
68/ 67				.2	.6	.9	.6	.6	.1	.0								159	159	5												
66/ 65		.0	.1	.4	.4	.6	.9	1.0	.3									179	179	4												
64/ 63			.3	.6	.7	1.3	1.1	.5	.1									239	239	49	2											
62/ 61		.2	.6	.8	.9	1.1	.9	.2	.0									247	247	103	4											
60/ 59		.4	1.1	1.3	1.4	1.5	.7	.2										353	350	191	21											
58/ 57	.1	.7	1.4	1.3	2.7	1.3	.6	.2										424	424	249	22											
56/ 55	.2	1.9	1.7	1.9	1.6	.6	.2	.1										430	430	365	132											
54/ 53	.1	2.2	2.6	2.7	1.1	.6	.0											487	487	479	232											
52/ 51	.2	3.2	3.2	1.4	.7	.2												468	468	571	334											
50/ 49	.4	4.6	2.3	1.4	.6	.2												500	500	751	471											
48/ 47	.7	4.1	2.3	.7	.4	.0												415	415	757	565											
46/ 45	.6	3.3	1.2	.5	.1	.0												301	301	566	655											
44/ 43	.5	2.7	.7	.1	.1													219	219	421	631											
42/ 41	.8	2.0	.7	.0														185	185	290	675											
40/ 39	.5	1.6	.1															116	116	212	485											
38/ 37	.4	.6	.1															57	57	122	332											
36/ 35	.2	.3																31	31	47	259											
34/ 33	.1	.2																19	19	26	137											
32/ 31	.1	.2																18	18	20	95											
30/ 29		.1																4	4	5	43											
28/ 27																				2	23											
26/ 25																					11											
24/ 23																					1											
22/ 21																																

PSYCHROMETRIC SUMMARY

35053
STATION

FULDA GERMANY AAF

61-7

YEARS

MONTH

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66
HOLES (L. S. T.)

[illegible]

35053
STATIO

STATION NAME

61-75

YEARS

MONTH

455 1

ALL
HOURS (L. S. T.)

0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

35053 FULDA GERMANY AAF
STATION STATION

61-72

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

MONTH

HOUS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

92-7

STATION

STATION NAME

YF 225

MONTA

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HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35053

FULDA GERMANY AAF

03-7

STATION

STATION NAME

YEARS

MONTH

PAGE 1

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
66/ 65																								
64/ 63																								
62/ 61																								
60/ 59																								
58/ 57																								
56/ 55																								
54/ 53																								
52/ 51																								
50/ 49																								
48/ 47																								
46/ 45																								
44/ 43																								
42/ 41																								
40/ 39																								
38/ 37																								
36/ 35																								
34/ 33																								
32/ 31																								
30/ 29																								
28/ 27																								
26/ 25																								
24/ 23																								
22/ 21																								
20/ 19																								
18/ 17																								
16/ 15																								
14/ 13																								
12/ 11																								
10/ 9																								
8/ 7																								
6/ 5																								
TOTAL	24.5	57.2	14.1	3.3	.6	.3	.0												4975		4975			
																			4975					
Element (X)	Σx²		Σx		Σ		Σ²		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	38703235		436357		87.7		9.302		4975		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total							
Dry Bulb	7630374		190868		38.4		7.864		4975			168.2					720							
Wet Bulb	7013212		183432		36.9		7.089		4975			207.1					720							
Dew Point	6299428		173510		34.9		7.061		4975			279.0					720							

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FORM 0-26-5 (OL A)

USAFETAC

PSYCHROMETRIC SUMMARY

50-7.

YEARS

MONTH

2472

HOURS (L. S. T.)

[illegible]

35053 FULDA GERMANY AAF
STATION STATION "AME"

PSYCHROMETRIC SUMMARY

60-7^

YEARS

MOMIN

0-51-2

66
HOURS (L. S. T.)

[illegible]

1

24

YEARS

MONIN

"2-1" 100-2
HOURS (L. S. Y.)

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0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

35053 FULDA GERMANY AAF

51-7.

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	Dry Bulb	Wet Bulb	Dew Point						
46/ 45		1.2	.2																12	12						
44/ 43		1.4	.1																13	13	11	1				
42/ 41	.2	2.0	.0																28	28	22	13				
40/ 39	.6	4.2	.6																46	46	23	23				
38/ 37	1.4	4.6	.2																53	53	63	34				
36/ 35	2.7	7.6																	68	68	76	53				
34/ 33	3.4	7.8	.2																95	95	102	57				
32/ 31	3.1	6.9																	65	65	66	173				
30/ 29	2.9	3.4																	54	54	75	60				
28/ 27	3.8	2.5																	53	53	61	69				
26/ 25	2.8	1.6																	35	35	37	55				
24/ 23	3.5	1.4																	42	42	41	42				
22/ 21	2.2	2.1																	37	37	41	32				
20/ 19	2.6	1.9																	38	40	37	20				
18/ 17	2.4	.6																	27	27	29	43				
16/ 15	2.9	.9																	33	33	32	27				
14/ 13	1.8	1.3																	26	26	23	23				
12/ 11	1.4	.6																	17	17	21	31				
10/ 9	1.2																		13	10	14	13				
8/ 7	1.9	.2																	18	20	17	14				
6/ 5	1.4	.1																	13	14	14	21				
4/ 3	.6																		5	5	5	18				
2/ 1	.4																		3	3	3	9				
0/ -1	.9																		6	6	6	7				
-2/ -3	.4																		3	3	3	4				
-4/ -5	.2	.1																	3	3	3	5				
-6/ -7	.1																		4	4	4	3				
-8/ -9																						3				
-10/-11																						5				
-12/-13																						1				
TOTAL	43.2	2.6	2.2																850	855	650	830				
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Mean No. of Hours with Temperature			
Rel. Hum.	6729763		75425		88.7		6,593		850		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F		Total			
Dry Bulb	737171		23409		27.4		10,617		855		2.0		56.6										93			
Wet Bulb	696674		22738		26.8		10,205		850		2.0		60.4										93			
Dew Point	617099		20877		24.6		11,086		850		3.1		68.7										93			

FORM 0-26-5 (OL A) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF/ETAC JUL 64

PSYCHROMETRIC SUMMARY

YEARS

MONTH

656 - 117
HOURS (1 - 5 - T.)

PSYCHROMETRIC SUMMARY

61-72

STATION

STATION NAME

YEARS

MONTI

435

124 - 14

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	DB	WB	Dry Bulb	Wet Bulb	Dew Point			
54/ 53					.1															1					
52/ 51				.1																1					
50/ 49			.1		.1															1					
48/ 47		.5	.7	.4																13	13				
46/ 45		1.3	.8																	18	18	14			
44/ 43	.2	2.1	1.2	.1																31	31	17			
42/ 41		3.4	1.5	.1																43	43	34			
40/ 39	.7	3.7	2.6																	67	60	47			
38/ 37	1.2	5.1	2.5																	75	75	66			
36/ 35	.9	8.2	1.6																	92	92	87			
34/ 33	1.2	7.1	.6																	76	76	97			
32/ 31	1.4	6.4	.8																	74	74	77			
30/ 29	2.7	4.1																		58	58	85			
28/ 27	3.0	3.4	.7																	61	61	52			
26/ 25	2.7	3.6	.7	.1																61	61	62			
24/ 23	1.4	3.6	.1																	44	44	47			
22/ 21	1.1	3.4	.2																	40	40	47			
20/ 19	1.1	3.2																		36	36	36			
18/ 17	.6	1.6																		19	19	32			
16/ 15	.5	.9																		12	12	13			
14/ 13	.6	1.1																		14	14	15			
12/ 11	.4	.6																		5	8	12			
10/ 9	.5																			4	4	6			
8/ 7	.4	.4																		6	6	4			
6/ 5	.1																			1	1	3			
4/ 3	.1																			1	1	1			
2/ 1																									
0/ -1																									
TOTAL	20.6	63.7	14.5	.9	.2															855	855	855			
				</																					

USAFETAC
FORM
DA AG
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

61-71

STATION

STATION NAME

YEARS

MONTH

2436 1

150-172

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

63, 65, 67

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-23
HOURS (L. S. T.)

[illegible]

1

YEARS

65, 67

STATION

STATION NAME

27

MONTH

1251

0000-00

HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

01-65, 67-7.

YEARS

2 -
MONTH

2501

100-15
HOLDS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/4AC

PSYCHROMETRIC SUMMARY

35053 FULDA GERMANY AAF
STATION STATION NAME

61-7.

YEARS

MONTH

PAGE 1 060.00
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. WB	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
52/ 51			.5															3	3	
50/ 49		.5	1.0															1	1	2
48/ 47		.5	1.0															16	16	
46/ 45		1.0	1.5															16	12	
44/ 43	.1	2.3	.1															20	22	12
42/ 41	1.2	1.5	.3															23	25	27
40/ 39	.9	3.7	1.9															46	46	21
38/ 37	1.2	5.0	.4															51	51	25
36/ 35	1.4	6.2	.5															65	65	35
34/ 33	3.0	8.4	.1															69	97	77
32/ 31	4.4	5.0	.5															75	62	15
30/ 29	3.4	3.6																54	72	52
28/ 27	3.7	3.6	.5															61	55	53
26/ 25	2.6	3.1																42	45	40
24/ 23	2.3	3.5																42	44	42
22/ 21	2.8	2.7																42	52	32
20/ 19	.8	1.8																20	15	45
18/ 17	1.7	.9																20	30	30
16/ 15	1.5	.4																15	16	24
14/ 13	1.4	.9																13	15	27
12/ 11	.8	.5																10	11	21
10/ 9	1.3	.1																11	13	9
8/ 7	.1																	1	1	12
6/ 5	.1																	1	1	5
4/ 3	.8																	6	4	3
2/ 1	1.2																	9	9	4
0/ -1	.3																	4	4	4
-2/ -3	1.0																	9	5	9
-4/ -5	.1																	1	1	4
-6/ -7																				7
-8/ -9																				1
TOTAL	38.1	56.3	5.5															776	780	776
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	6134826		68782		88.6		7.023		776		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F	
Dry Bulb	751130		22846		29.3		16.256		780		1.4		48.4						84	
Wet Bulb	703925		22087		28.5		9.855		776		1.4		52.4						84	
Dew Point	625260		20456		26.4		16.236		776		2.7		60.5						84	

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MONTH

9. - 12. -
MOLDS IL. S. 1.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Fry Bulb	Wet Bulb	Dew Point													
54/53			.4	.1	.1																													
52/51			.5	.1																														
50/49	.1	.1	.5	.4																														
48/47		.8	1.2																															
46/45		1.8	.5																															
44/43	.1	1.6	.5	.1																														
42/41	1.6	2.5	1.4																															
40/39	.8	3.6	1.6																															
38/37	.9	5.4	1.1	.3																														
36/35	2.0	5.4	.3	.3																														
34/33	3.8	5.9	.6																															
32/31	3.5	6.6	.3																															
30/29	4.9	5.0	.5																															
28/27	1.8	4.0	1.1																															
26/25	1.4	3.5																																
24/23	.8	4.8																																
22/21	1.9	2.8																																
20/19	1.5	1.5																																
18/17	.8	.5																																
16/15	.5	.8																																
14/13	1.3	.1																																
12/11	.9	.6																																
10/9	.3	.3																																
8/7	.5																																	
6/5	1.1																																	
4/3	.4																																	
2/1	.1																																	
0/-1	.6																																	
-2/-3	.1																																	
-4/-5																																		
-6/-7																																		
TOTAL	28.5	57.8	12.2	1.3	.1													797	798	797	797													
Element (X)	Zx ²	Zx	X	"x	No. Obs.	Moon No. of Hours with Temperature							Total																					
Rel. Hum.	6002593	68823	86.4	8.650	797	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																						
Dry Bulb	849543</																																	

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35053 FULDA GERMANY AAF

61-70

YEARS

25

MONTH

PAGE 1

12-14

HOURS (L, S, T, I)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL DB. WB	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point																	
60/59						.1																											2		2		
58/57					.1	.2																											4		4		
56/55			.1	.4	.6	.1																											11		11		
54/53			.1	.4	.6		.1																										10		10		
52/51			.3	.8	.1																												5		5	4	
50/49		.3	.6	.3	.1																												11		11		
48/47		1.1	1.1	.9	.4																												28		28	2	
46/45		1.9	1.7	1.5																													40		40	1	
44/43		2.3	1.9	1.1																													42		42	31	
42/41	.5	2.7	2.6	.5																													51		51	23	
40/39	.4	4.1	1.9	.3	.4																												52		52		
38/37	1.1	5.7	1.1	.6																													68		68	20	
36/35	.4	6.0	4.1	.3	.2																												87		87		
34/33	1.5	6.8	2.6	.3	.1																												50		50	63	
32/31	1.4	7.1	2.3	.3																													89		89	92	
30/29	.1	2.4	2.2																														37		37	51	
28/27		4.2	1.1																														42		42	62	
26/25	.3	4.5	.4																														40		40	46	
24/23	.3	3.1	.1																														29		29	44	
22/21	.8	.5	.1																														11		11	49	
20/19	.1	1.3																															11		11	50	
18/17	.5	.1																															3		3	23	
16/15	.4	.5																															7		7	21	
14/13	.1	.4																															4		4	11	
12/11	.4	.3																															5		5	9	
10/9	.3	.1																															2		2	7	
8/7	.1																																1		1	9	
6/5																																				2	
4/3																																				2	
2/-3																																				1	
TOTAL	8.8	55.4	24.2	8.2	3.2	.4	.1																										784		784	784	
Elevation (X)	Σ X ²			Σ X			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature																					
Rel. Hum.	5026283			62013			79.112,440			784			≤ 0 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total						
Dry Bulb	1040939			27751			35.48,654			784						30.1															84						
Wet Bulb	905548			25934			33.17,803			784						40.1															84						
Dew Point	729676			22932			29.38,674			784			.1			51.3															84						

FORM 0-26-5 (01-A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

35053 FULDA GERMANY AAF

STATION

STATION NAME

62-70

YEARS

22

MONTH

135

1500-2000
HOURS (L. S. T.)

FORM
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

05,57

YEARS

2.
MONT:

2405 i

210-23-
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

97

A)

70

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26

9

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20

13

SAI

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2

10

Unpublished

21

1

22

444

100

PSYCHROMETRIC SUMMARY

YEARS

MONTH

2700-22
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH
30-5
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

61-72

STATION

STATION NAME

YEARS

MONTH

2472

7467-73

HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

35053 FULDA GERMANY AAF

61-7

YEARS

MONTH

PAGE 1

900-11
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
66/ 65						.1												1	1						
60/ 59					.1	.2	.1											4	4						
58/ 57				.2		.1												3	3						
56/ 55				.1	.2													3	2	1					
54/ 53			.2	.3	.4													5	5	2					
52/ 51			.6	.4														9	9	2					
50/ 49		.3	1.2	.6		.1												20	20	7	2				
48/ 47		2.0	2.1	.6	.1													43	43	17	4				
46/ 45	.2	3.1	2.1	.6	.1													54	54	53	13				
44/ 43	.1	3.3	2.9	.6														62	62	51	3				
42/ 41	.6	5.9	3.4	1.1	.2													101	101	63	8				
40/ 39	.7	5.6	2.2	.2														78	78	97	6				
38/ 37	1.7	5.4	1.7	1.0	.1													89	89	103	6				
36/ 35	1.0	4.9	2.4															75	75	76	27				
34/ 33	1.8	4.9	1.6	.1														75	75	85	73				
32/ 31	1.4	5.8	1.6	.2														83	83	92	92				
30/ 29	.9	4.0	1.1															54	54	73	70				
28/ 27	1.7	3.1	.9															51	51	61	70				
26/ 25	1.1	2.0	.3															31	31	48	66				
24/ 23	.6	1.2	.1															17	17	26	55				
22/ 21	.1	1.7																16	16	13	38				
20/ 19		.8																7	7	16	28				
18/ 17	.2	.1																3	3	5	15				
16/ 15	.2																	2	2	2	17				
14/ 13	.1	.1																2	2	2	7				
12/ 11	.2	.1																3	3	3	8				
10/ 9	.1																	1	1	1	2				
8/ 7	.3																	3	2	3	3				
6/ 5	.1																	1	1	1	2				
4/ 3																					3				
2/ 1																					1				
TOTAL	13.1	54.3	24.6	6.0	1.3	.6	.1											900	900	900	900				
																						900		900	
Element (X)	Σx²		Σx		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ				
Rel. Hum.	6073860		73248		81.4		1.184		900		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F				
Dry Bulb	1271566		33028		36.7		8.146		900				28.3								Total				
Wet Bulb	1125909		31117		34.6		7.417		900				33.8								93				
Dew Point	939926		28164		31.3		8.072		900				49.3								93				

REPLACES PREVIOUS EDITIONS OF THE FORM AND ORIGINATE

FORM 0-26-5 (OL A)

FORM 3-64

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35053 FULDA GERMANY AAF

61-7

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
74/ 73																		1	1						
72/ 71																		2	2						
70/ 69																		3	3						
68/ 67																		4	4						
66/ 65																		5	5						
64/ 63																		6	6						
62/ 61																		7	7						
60/ 59																		8	8						
58/ 57																		9	9						
56/ 55																		10	10						
54/ 53																		11	11						
52/ 51																		12	12						
50/ 49																		13	13						
48/ 47																		14	14						
46/ 45																		15	15						
44/ 43																		16	16						
42/ 41																		17	17						
40/ 39																		18	18						
38/ 37																		19	19						
36/ 35																		20	20						
34/ 33																		21	21						
32/ 31																		22	22						
30/ 29																		23	23						
28/ 27																		24	24						
26/ 25																		25	25						
24/ 23																		26	26						
22/ 21																		27	27						
20/ 19																		28	28						
18/ 17																		29	29						
16/ 15																		30	30						
14/ 13																		31	31						
12/ 11																		32	32						
10/ 9																		33	33						
8/ 7																		34	34						
Element (X)	Σx^2					Σx					\bar{x}					σ_x					No. Obs.				
Rel. Hum.																					Mean No. of Hours with Temperature				
Dry Bulb																					≤ 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Total				
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OLA) REVISIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

35053 FULDA GERMANY AAF

61-7^

STATION

STATION NAME

YEARS

MONTH

PAGE 2

120 - 141

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

Page 1

MONTH
150 -1.7
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL DB. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
74/ 73																		5	5													
72/ 71																		3	3													
68/ 67																		7	7													
66/ 65																		5	5													
64/ 63																		5	5													
62/ 61																		5	5													
60/ 59																		9	9													
58/ 57																		11	11	1												
56/ 55																		21	21	5												
54/ 53																		24	24	7												
52/ 51																		31	31	20	1											
50/ 49																		45	45	27	3											
48/ 47	.1	1.6	2.5	2.7	1.3	.2	.2											74	74	33	4											
46/ 45		2.7	3.7	4.2	1.8	.7												112	112	57	2											
44/ 43		2.1	2.5	1.8	2.1	.2												73	73	56	45											
42/ 41	.2	2.1	2.9	2.1	.7													69	69	96	5											
40/ 39	.1	4.3	2.6	2.9	.4													38	38	82	62											
38/ 37		3.9	4.3	2.1	.7													91	91	117	74											
36/ 35	.1	2.3	2.6	.7	.1													51	51	82	105											
34/ 33	.6	2.3	2.7	.9														50	50	99	80											
32/ 31	.1	2.7	.7															30	30	63	65											
30/ 29	.1	1.4	1.2															23	23	38	69											
28/ 27	.2	.8	.4															12	12	30	65											
26/ 25		.6																5	5	13	70											
24/ 23		.7																6	6	5	52											
22/ 21																				5	31											
20/ 19																					28											
18/ 17																					9											
16/ 15																					9											
14/ 13																					6											
12/ 11																					1											
10/ 9																					2											
8/ 7																					1											

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.
Ref. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

n No. of Hours with Temperature				
67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

PSYCHROMETRIC SUMMARY

61-7:

YEARS

MONTH

PAGE 2

150-171
HOURS (L. S. T.)

[illegible]

USAF: TAC FORM 0-26-5 (Q1A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

YF 683

62-7

STATION NAME

MONTH

2036

17-27
HOURS 1L 5 T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25	26	27-28	29-30	≥ 31	DB W.B.	Dry Bulb	Wet Bulb	Dew Point												
70/ 69									.4										2	2														
66/ 65								.2											1	1														
64/ 63									.2										1	1														
62/ 61							.4	.2											3	3														
60/ 59						.2	.2												2	2														
58/ 57				.2	.2	.2													3	3														
56/ 55			.2		.4	.6													6	6		1												
54/ 53			.2		.4	.2	.2												5	5		1												
52/ 51			.7	.9	.6	.2													19	19		5												
50/ 49	.2	.9	2.2	1.7	.2														24	20	7													
48/ 47	.2	1.7	2.6	.6	.6		.2												21	31	13	4												
46/ 45	.4	2.8	3.5	.9	.2	.2													43	43	32	11												
44/ 43	.4	2.9	2.8	1.3	.2	.2													42	42	42	22												
42/ 41	.6	2.9	3.5	1.3	.4														47	47	43	34												
40/ 39		4.8	4.8	1.3	.2														6	63	45	35												
38/ 37	.2	4.2	3.9	1.5															52	53	68	45												
36/ 35		4.4	3.3	.9															55	58	59	51												
34/ 33	.2	4.4	2.4	.4	.2														41	41	64	57												
32/ 31	.6	6.4	2.3	.2															50	50	35	27												
30/ 29	.4	4.2	.2																26	26	49	54												
28/ 27	.6	1.5	.4																13	13	32	55												
26/ 25	.2	1.1	.2																8	8	11	45												
24/ 23		.7																	4	4	5	32												
22/ 21		.2																	1	1	6	19												
20/ 19																						13												
18/ 17																						5												
16/ 15																						2												
14/ 13																						4												
12/ 11																						1												
10/ 9																						1												
TOTAL	3.7	43.2	34.7	11.6	3.3	2.0	.7	.2	.6											544	544	544												
Element (X)	Σ x ²			Σ x			Σ																											

REVERSO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

USAFETAC

7

2

MONY

2
HOURS IL. S. ?

0-26-5 (QLA)

USAFETAC

1

1

01-65, 07-71

MONITORING

24. i

0-26-5 (Q1-A)

0-26-5 (OL A)

FORM

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

MONTH

5 3 0 0 0
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

JSAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

35053 FULDA GERMANY AAF

61-7

YEARS

MONTH

PAGE 1 30-11
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (I)																TOTAL D B W.B	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
78/77									.1	.1								2		
76/75								.2	.2									1		
72/71								.2	.2									4		
70/69					.1	.2			.2									5		
68/67					.2	.3	.2	.2	.1									11	11	
66/65				.2	.3	.1	.2	.1										9	9	
64/63				.1	.2	.1	.1	.2	.1									14	14	
62/61		.2	.5	.1	.3	.3	.1											14	14	3
60/59	.1	.6	.9	.7	.6	.3	.2											33	33	0
58/57		.6	.7	.9	1.1	.3												32	32	16
55/55	.3	1.0	1.9	.8	.9	.1												50	50	25
54/53	1.5	1.7	1.3	.8	.6													51	51	27
52/51	2.8	2.6	1.5	.6	.5													73	73	53
50/49	.1	4.6	3.3	.7	1.0	.2	.1											35	35	79
48/47	.2	3.6	3.6	1.7	.5	.2												87	87	100
46/45	.6	4.3	1.8	1.4	.6	.2												79	78	101
44/43	.3	2.3	3.3	.8	.3													62	62	89
42/41	.8	4.6	1.9	.9	.1													72	72	73
40/39	.3	3.6	1.9	.5														57	57	79
38/37	.6	4.3	1.1	.5														57	57	69
36/35	.5	2.1	2.1	.1														41	41	65
34/33	.6	2.5	.3															30	30	40
32/31	.2	.5	.1															7	7	41
30/29	.1	.3																4	4	6
28/27	.1	.1																2	2	3
26/25																				
24/23																				
22/21																				
TOTAL	4.4	37.7	26.8	13.4	8.1	5.5	1.8	1.4	.8	.1								878	878	878
Element (X)	Σx ²		Σx		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature							Total
Rel. Hum.	521488E		66302		75,515,404		878		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F	
Dry Bulb	2043230		41600		47,58,584		878				1.3		2.4		.3					
Wet Bulb	1708940		38268		43,66,839		878				5.1								90	
Dew Point	1412614		34648		39,57,189		878				15.9								90	

USAF ETAC FORM 34-4 0-26-5 (OL A) REVERSED MIRROR EDITIONS OF THE FORM ARE OBSOLETE

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1

01-7-

YEARS

MONTH

120-14
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point														
84/ 83																		1	1															
82/ 81																		2	2															
80/ 79																		1	1															
78/ 77																		1	1															
76/ 75																		1	1															
74/ 73																		1	1															
72/ 71																		1	1															
70/ 69																		1	1															
68/ 67																		1	1															
66/ 65																		1	1															
64/ 63																		1	1															
62/ 61																		1	1															
60/ 59																		1	1															
58/ 57																		1	1															
56/ 55																		1	1															
54/ 53																		1	1															
52/ 51																		1	1															
50/ 49																		1	1															
48/ 47																		1	1															
46/ 45																		1	1															
44/ 43																		1	1															
42/ 41																		1	1															
40/ 39																		1	1															
38/ 37																		1	1															
36/ 35																		1	1															
34/ 33																		1	1															
32/ 31																		1	1															
30/ 29																		1	1															
28/ 27																		1	1															
26/ 25																		1	1															
24/ 23																		1	1															
22/ 21																		1	1															
20/ 19																		1	1															
18/ 17																		1	1															
16/ 15																		1	1															
14/ 13																		1	1															
12/ 11																		1	1															
10/ 9																		1	1															
8/ 7																		1	1															
6/ 5																		1	1															
4/ 3																		1	1															
2/ 1																		1	1															
0/ 0																		1	1															
869	1.16	2.20	3.17	4.16	5.10	6.10	7.0	8.0	9.1	10.2	11.0	12.0	13.0	14.0	15.0	16.0	17.0	869	869	869	869													
																					Mean No. of Hours with Temperature													
																					≤ 67 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
																							8.4	2.8	.5		9.7							
																											9.7							
																											9.7							

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

35053 FULDA GERMANY AAF

61-7

STATION

STATION NAME

YEAR

MONTH

PAGE 1

15-17

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
86/ 85													.1					1				1			
84/ 83												.1	.1					2				2			
82/ 81												.4						3				3			
80/ 79											.2							2				2			
78/ 77											.2		.1					5				5			
76/ 75								.4	.1	.2	.2	.1						9				9			
74/ 73								.4	.2	.4	.1							1				1			
72/ 71							.5	.4	.2	.4	.1							13				13			
70/ 69						.1	.6	.8	.4	.2	.7	.1						25				25			
68/ 67						.4	.4	.8	.2	.1	.1							17				17			
66/ 65				.2	.1	.5	.4	1.0	1.0	.1								27				27			
64/ 63				.1	.2	.6	1.1	1.5	.8	.1								36				36			
62/ 61				.4	.7	1.3	2.0	.7	.2									4				4	12		
60/ 59			.4	1.2	.6	1.3	1.8	.2										46				46	21		
58/ 57			.6	1.1	1.1	2.6	1.7											59				59	18	1	
56/ 55		.4	1.1	3.0	1.2	1.9	.6	.1										69				69	30	2	
54/ 53		1.0	1.2	2.0	.2	.6	.5	.1										47				47	5	7	
52/ 51	.1	1.8	2.4	1.0	.5	1.1	.2											59				59	91	24	
50/ 49		1.0	2.4	1.9	1.7	.6	.1											64				64	103	49	
48/ 47		1.3	3.1	1.9	1.3	.4	.1											68				68	103	49	
46/ 45		1.8	1.5	2.0	.8	.4	.1											56				56	63	57	
44/ 43	.1	1.3	1.2	1.3	1.2	.4												46				46	77	80	
42/ 41		2.4	2.0	1.3	.7													54				54	71	84	
40/ 39	.1	2.6	1.4	1.2														45				45	67	86	
38/ 37	.1	1.2	.8															18				18	53	78	
36/ 35		.7	.5															10				10	47	82	
34/ 33	.1	.1	.1															3				3	22	60	
32/ 31																							5	51	
30/ 29		.1																1				1	2	40	
28/ 27																								31	
26/ 25																								24	
24/ 23																								13	
22/ 21																								11	
20/ 19																								2	
Element (X)	Σx ²			Σx			Σ			Σ _x			No. Obs.			Mean No. of Hours with Temperature							Total		
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

35053
STATION

FULDA GERMANY AAF

61-70

684

PAGE 2

1500-170
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

61-7.

YEARS

MONTH

2434 1

14-2-21
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

1

1

 $6i=7^2$

STATION

STATION NAME

YEARS

MONTH

PAGE 2

135-25
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

35053 FULDA GERMANY AAF
STATION STATION NAME

65,67
YEARS

PAGE 1 210-23
MONTH
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	DB W.B	Dry Bulb	Wet Bulb	Dew Point											
56/ 55				.6		.6												2	2													
54/ 53			.5	1.1														2	3													
52/ 51			1.7	1.1	.6													5	6													
50/ 49		1.4	5.6	1.7	1.1													16	16	2												
48/ 47		3.3	3.3		.6													13	13	17	1											
46/ 45		3.3	5.6	1.7	.7	.6												24	24	19	5											
44/ 43		13.3	1.1	3.9	.6													34	34	27	14											
42/ 41		11.1	2.8	1.7														28	28	37	23											
40/ 39		6.7	3.3	1.1														20	20	24	4											
38/ 37		5.6		.6														11	11	29	13											
36/ 35		7.2																13	13	21	11											
34/ 33	1.7	3.3																9	9	12	27											
32/ 31		.6																1	1	4	21											
30/ 29																																
28/ 27																						4										
26/ 25																						2										
24/ 23																						2										
22/ 21																						2										
TOTAL	1.7	56.1	23.3	13.3	4.4	1.1												180	180	180	180											

USAFETAC FORM JUL 64 0-26-5 (OL A) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

35053

FULDA GERMANY AAF

61,65-07

YEARS

MCNIN

225

50 - 2
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

51-70

STATION

STATION NAME

YEARS

MONTIN

2022

34-3

HOURS (L.S.T.)

[illegible]

0-2A-5 (01A) REVEAL PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

51-7

STATION

STATION NAME

YEARS

100%

00-3

[illegible]

1

YEARS MONTH

01-7

STATION

STATION NAME

YEARS

MON:

12. -14
HOLRS 14 S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	C.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
84/ 83									.1																											
82/ 81									.2																											
80/ 79									.3																											
78/ 77									.4																											
76/ 75									.5																											
74/ 73									.6																											
72/ 71					.1	.5	.6	.6	.6																											
70/ 69			.1	.1	.6	.2	.7	1.4	.3	.1																										
68/ 67				.2	.6	1.7	1.2	1.6	.1																											
66/ 65			.2	.5	.5	.9	1.2	1.7																												
64/ 63			.1	.7	.9	2.3	2.5	1.2																												
62/ 61		.2	.5	.9	1.1	1.8	1.2	.7	.2																											
60/ 59		.3	1.3	1.2	2.5	1.9	.9	.6																												
58/ 57			1.6	1.8	4.1	2.6	1.2																													
56/ 55		1.5	1.1	2.3	2.7	1.2	.3	.1																												
54/ 53		1.2	2.7	3.2	1.8	1.6	.1																													
52/ 51	.1	1.5	3.4	1.7	.0	.1																														
50/ 49	.1	1.7	.7	3.4	.6	.6																														
48/ 47		1.3	.6	1.0	.6																															
46/ 45		.7	.5	.2		.2																														
44/ 43		.9		.1	.1																															
42/ 41	.2		.3																																	
40/ 39	.1																																			
38/ 37																																				
36/ 35																																				
34/ 33																																				
32/ 31																																				
30/ 29																																				
28/ 27																																				
26/ 25																																				
22/ 21																																				
20/ 19																																				
TOTAL	.6	8.5	13.3	16.3	17.1	15.8	11.1	9.4	5.2	1.9	.7	.1						582	852	882	872															
Element (X)	Σx^2			Σx			Σ			Σx			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum.	3342373			52323			59.3			16.450			882			≤ 0 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb	3173001			52413			59.4			8.138			882									19.1			7.9			.6						93		
Wet Bulb	2551119			45278			51.3			5.510			882												.2									93		
Dew Point	1759497			38971			44.2			6.530			882									3.9												93		

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

35053 FULDA GERMANY AAF

01-7.

YEARS

MONTH

15 - 17

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17	18	19-20	21	22	23-24	25-26	27	28	29	30	31	DB	WB	Dry Bulb	Wet Bulb	Dew Point									
84/ 83									.1			.2											3	3											
82/ 81									.1		.1												2	2											
80/ 79								.1	.1	.1	.1	.1	.2										11	11											
78/ 77								.4	.4	.2	1.3	.1											27	27											
76/ 75							.1	1.4	.5	.4	.2												22	22											
74/ 73							.4	.7	1.2	.7	.1												25	25											
72/ 71					.5	.5	.8	1.1	1.3	.7	.1												47	47											
70/ 69					.4	.2	.8	1.2	.2	.4													25	25											
68/ 67				.4	1.1	1.3	.8	1.4	.2	.1													48	48	2										
66/ 65				.5	.2	.6	1.5	2.8	.2														5	5	2										
64/ 63			.4	.5	1.3	1.6	2.3	1.5	.4														65	65	27										
62/ 61		.1	.4	.9	1.3	1.3	2.1	.5															61	61	34										
60/ 59			1.2	1.6	2.0	3.4	1.9	.7															92	92	42	4									
58/ 57		.8	.5	1.6	5.4	2.7	1.2	.1															1.5	1.5	56	1									
56/ 55		.7	.6	2.3	1.5	1.1	.2	.2															59	59	55	2									
54/ 53		.9	1.6	2.0	2.2	1.2																	73	73	65	24									
52/ 51	.1	1.6	2.2	1.1	1.3	.5																	58	58	113	4									
50/ 49		1.5	1.9	1.3	1.5	.4																	53	53	149	71									
48/ 47		.9	.4	.5	.1	.1																	22	22	159	43									
46/ 45		.9	.1	.1																			17	10	63	7									
44/ 43		.1	.4																				4	4	51	121									
42/ 41			.2																				2	2	14	11									
40/ 39																										55									
38/ 37																									3	52									
36/ 35																										50									
34/ 33																										2									
32/ 31																										21									
30/ 29																										7									
28/ 27																										3									
26/ 25																										4									
24/ 23																										1									
22/ 21																										1									
TOTAL	.1	7.7	10.2	12.8	18.7	15.9	12.2	12.1	4.7	3.2	2.1	.4											854	854	854	854									
Element (X)	Σx²			Σx			X			T _x			No. Obs.			Mean No. of Hours with Temperature							Total												
Rel. H.	2952322			48178			56.4			16.576			854			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F														
Dry Bulb	3184075			51669			60.5			8.244			854					21.5	9.1	1.3		93													
Wet Bulb	2299870			44078			51.6			5.397			854					.2				93													
Dew Point	1670614			37354			43.7			6.564			854			4.0						93													

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

01-7

STATION

STATION NAME

YEARS

MONTH

Page: 1-20
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

61-53,25-67

STATION NAME

YEARS

MONTH

21-23
HOURS (1 2 3)

[illegible]

PSYCHROMETRIC SUMMARY

65-67

STATION

STATION NAME

YEARS

MONTH

64 16 1 12 = 12
HOURS (L. S. T.)

[illegible]

0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

61-74

STATION

STATION NAME

YEARS

MONTH

234

25

HOURS 11-5-7

[illegible]

1

MONTH

YEARS

STATION NAME

44-38861-1

HOURS (L - S - T -)

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OL A)
JUL 64

PSYCHROMETRIC SUMMARY

51-7.

YEARS

MONTI

19-11
HOURS (L. S. Y.)

[illegible]

0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.


! SAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ETAC

PSYCHROMETRIC SUMMARY

35053 FULDA GERMANY AAF

01-7

YEARS

MONTH

12-14
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27	28	29-30	≥ 31			Dry Bulb	Wet Bulb	Dew Point	
88/ 87																					1	1		
86/ 85								.1	.1	.4	.2	.1									12	12		
84/ 83							.1	.1	.2	.5	.9										22	22		
82/ 81						.1	.1	.2	1.3	.9		.1									27	27		
80/ 79					.2	.1	.3	.8	.7	1.1	.1										41	41		
78/ 77				.2	.2	.7	.9	1.8	1.5	.2											69	69		
76/ 75				.2	.6	1.6	2.3	2.7	.9	.1	.1										75	75		
74/ 73			.3	.3	1.4	1.9	2.4	1.9	.8	.1	.2										74	74	9	
72/ 71		.3	.3	.3	1.6	2.2	2.3	1.2	.3												69	69	4	
70/ 69		.3	.3	.3	1.6	2.2	2.3	1.2	.3												74	74	9	
68/ 67		.3	.7	.7	2.2	2.3	1.1	.1	.1												69	69	21	
66/ 65	.1	.7	.7	2.4	1.2	1.5	.3	.5													59	59	11	
64/ 63	.2	.6	.7	2.8	.9	.9	.3														59	59	7	
62/ 61	.8	.9	2.0	1.8	1.0	1.0	.2														69	69	21	
60/ 59	1.2	1.5	1.5	.9	.6	.3	.2														55	55	5	
58/ 57	1.4	1.6	.9	.6	.3	.2															47	47	11	
56/ 55	.7	.6	1.4	.6	.5	.5															39	39	11	
54/ 53	.5	.9	.5	.5	.2																25	25	79	
52/ 51	.1	.7	.7	.3																	25	25	6	
50/ 49	.1	.7	.2																		9	9	45	
48/ 47	.3	.2	.3																		8	8	34	
46/ 45	.2	.1																			3	3	23	
44/ 43	.1																				1	1	1	
42/ 41																							3	
40/ 39																								
38/ 37																							22	
36/ 35																							13	
34/ 33																							14	
32/ 31																							4	
30/ 29																							4	
TOTAL	.1	6.4	10.0	10.8	24.5	13.6	18.6	13.5	8.0	3.9	.7	.3									880	880	880	
Element (X)	Σx²		Σx		X		Σx		X		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.	3158912		50926		57.9		15.523		880		Σ 0 F Σ 32 F Σ 67 F Σ 73 F Σ 80 F Σ 93 F Total													
Dry Bulb	4008100		58922		67.0		8.457		880															
Wet Bulb	2940461		50615		57.5		5.767		880															
Dew Point	2297883		44581		50.7		6.692		880															

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

171

4

01-7

STATION

STATION NAME

YEARS

CONT

200 - 1 18 - 7
HOURS (L. S. T.)

[illegible]

FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 1041-1

USAFETAC

1

PSYCHROMETRIC SUMMARY

61-7

YEARS

MONTH

150 1 150 - 20
HOURS (L. S. T.)

USAFETAC
FORMA
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



USAFETAC

35053

62,54-67

STATION

STATION NAME

YEARS

MONTH

432

210'-23

HOURS 11-5-7.

[illegible]

PSYCHROMETRIC SUMMARY

62,52,07

STATION

STATION NAME

YEARS

MON

243

✓ 1 - 4
HOURS 11 - 5 - 7 - 1

[illegible]

PSYCHROMETRIC SUMMARY

61-7

STATION

STATION NAME

YEARS

MS⁹

$$\frac{2}{1012} = \frac{1}{506}$$

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17	18	19-20	21-22	23-24	25	26	27	28	29	30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point									
68/ 67	.2	.9	.2																															
66/ 65		.2	.2																															
64/ 63	.2	.2	.2		.2																													
62/ 61	.2	3.9	.2																															
60/ 59	1.9	7.4	.9																															
58/ 57	2.6	7.4	.7																															
56/ 55	3.3	11.3	1.3	.2																														
54/ 53	3.9	7.8	2.8																															
52/ 51	2.4	7.0	1.3																															
50/ 49	3.9	6.8	1.3																															
48/ 47	2.4	4.6	.2																															
46/ 45	1.3	3.9																																
44/ 43		2.0																																
42/ 41		.7																																
40/ 39	.4																																	
38/ 37		.4																																
36/ 35																																		
TOTAL	22.4	67.8	9.4	.2	.2																		459	459	459									
																</																		

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL-A)

FROM

JSAFETAC

1

YEARS

61-7

STATION NAME

4047

HOURS 14 5. 1

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (DLA)

USAFETAC

7

Y

02-7

YEARS

MONTH

90-11
HOURS (L. S. T)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC 0-26-5 (OLA)

PSYCHROMETRIC SUMMARY

61-72

YFARS

MONITOR

150-17
HOURS 11-5-7

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

61-7.

STATION

STATION NAME

YEARS

MONITORING

124-2
HOURS (L S Y)

[illegible]

PSYCHROMETRIC SUMMARY

02, 45, 6"

STATION

STATION NAME

YEARS

MONT:

210-23
HOURS (L. S. T.)

[illegible]0-26-5 (Q1-A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 1

JSAFETAC

PSYCHROMETRIC SUMMARY

52,37

YEARS

MONTH

PAGE 1

HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OLA)

USAFETAC

01-05, 67-7.

PSYCHROMETRIC SUMMARY

35053 FULDA GERMAN Y AAF
STATION STATION NAME

YEARS

MOSEK

30 - 1
HOURS 11.5.11

[illegible]

0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

41-7.

YEARS

MONTH

MOORE 11 5 1

[illegible]

0-26-5 (OL 4) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

35053
STATIC

FULDA GERMANY AAF
STATION

c1-7.

YEARS

MONTH

9. 411
HOURS (L. S. 2.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3-26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

61-7.

STATION

STATION NAME

YEAPS

MON'DAY

12. -14

HOURS (L.S. 7)

[illegible]

35053

FULD- GERMANY MAF

01-7:

YEARS

MCNTH

150-17
HOURS (L. S. T.)

[illegible]

1

YEARS

01-7

STATION

STATION NAME

YFARS

MATH

HOURS (1 - 5, 7)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

026-5101 A)

USAFETAC

PSYCHROMETRIC SUMMARY

63, 65, 67

STATION

STATION NAME

YEARS

504

21 - 22
HOURS 11 - 5

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

POEM

USAFETAC

PSYCHROMETRIC SUMMARY

62-65, 5"

STATION

STATION NAME

1500-

MONTH

HOURS: L. S. Y.

[illegible]

USA, ETAC FORM 0-26-5 '(1) 31 REVISED EDITIONS OF THIS FORM ARE CANCELED

PSYCHROMETRIC SUMMARY

01-45,007-7

STATION NAME

YEARS

MONTH

HOURS (1 5 7)

0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JSAFETAC

PSYCHROMETRIC SUMMARY

59-7

STATION

STATION NAME

YEARS

MONTH

HOURS (L - T)

[illegible]

PSYCHROMETRIC SUMMARY

50-7

YEARS

MONTH

HOURS (L - S - T)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (01 A)

Q224

USAFETAC

P. YCHROMETRIC SUMMARY

09-7

STATION

STATION NAME

YEARS

MONT

、 2 、 、 、

MOUSE 11 6 Y

[illegible]

USAFETAC
FOAM
0.26-5 (01 A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

CU-7

YEARS

50241

20 1 25-21
HOURS L. S. T

[illegible]

PSYCHROMETRIC SUMMARY

51-7

YEARS

MONTH

2 2 0 1

MOURE U S

[illegible]0-26-5 (01 A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
FORM

JSAFETAC

PSYCHROMETRIC SUMMARY

YEARS

2
MONTH

24. -73

HOURS (L, S, T)

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

MONTH

HOURS 11-5-3

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

MEMO

ISAFETAC

PSYCHROMETRIC SUMMARY

01-55,57-7

STATION

STATION NAME

YEARS

MONTH,

1 5 11 5 8 10 11

FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

0.5-7.

STATION NAME

YEARS

MONTE

NOUVEAU 11 11 11

[illegible]

PSYCHROMETRIC SUMMARY

65-7.

YEARS

MUNTA

3-22
HOURS (L. S. ?)

[illegible]

JSAFET[®]C FORM 01-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

7

PSYCHROMETRIC SUMMARY

51-07

STATION

STATION NAME

YEARS

MONTA

42 - 6
HOURS 11 5 11

JSAFETAC
FORM
NO. 4-2
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

35053	FULD, GERNALY AAF
STATION	STATION

03-7

STATION

STATION NAME

YEARS

a. **MONTHLY**

16 - 27
MOURS 11 5 8

[illegible]

PSYCHROMETRIC SUMMARY

YFARS

100
MONTANA

Page 2 1800-20
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

D-26-5 (01 A)

FORM

USAFETAC

PSYCHROMETRIC SUMMARY

65, 67

YEARS

MONTH

24-1-1

2107-23
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

61-59

STATION

STATION NAME

YEARS

MONTH

2438 1

.3, 1 - 5
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

66-7.

YEARS

MONTH

CASE 1 1600-(31
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (Q1 A)

USAFETAC

PSYCHROMETRIC SUMMARY

60-75

STATION	STATION NAME
009	OLIVE STREET ST

YEARS

MONTH

Page 1 950-110
HOURS 0 6 7 1

[illegible]

PSYCHROMETRIC SUMMARY

35053

FULDA GERMANY AAF

00-71

YEARS

MONTH

PAGE 1 12-14
HOURS (L. S. T.)

[illegible]

35053 FULDA GERMANY AAF
STATION STATION

STATION	STATION NAME
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60-7.

YEARS

MONTH

PAGE 1 150-17
HOURS (H. S. T.)

[illegible]

51-7

STATION	STATION NAME
1	1
2	2
3	3
4	4
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97	97
98	98
99	99
100	100

YEARS

MONTA

34 =

190-200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

05-67

STATION

STATION NAME

YEARS

MONTH

242

21.5-23.0
HOURS 11.5-13.0

[illegible]

REMOVED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL-A)

POTENTIAL

USAFETAC

PSYCHROMETRIC SUMMARY

01-50

STATION

STATION NAME

YEARS

MONTH

DATE 10-30-65
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

52-7.

YEARS

MONTH

DATE -
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
56/ 55			.1															1	1					
54/ 53		.1																1	1					
52/ 51	.3	.3	.2															2	2	.4	.3			
50/ 49		.6	.1															3	3	.4	.3			
48/ 47		.5	.3															7	7	.4	.1			
46/ 45	.1	1.2																11	11	.3	.7			
44/ 43	.2	2.0																19	19	1.5	.7			
42/ 41	.2	2.3	.2															22	22	2.3	.2			
40/ 39	.8	2.4	.3															32	32	2.8	.2			
38/ 37	1.5	4.7																54	54	3.6	.3			
36/ 35	2.2	5.4	.1															57	67	6.7	.41			
34/ 33	4.0	7.0	.5															100	100	1.2	.71			
32/ 31	4.0	10.0	.2															124	124	1.3	1.5			
30/ 29	3.1	5.7	.1															77	77	1.0	.97			
28/ 27	2.3	2.8																39	39	.5	.67			
26/ 25	3.0	2.7																49	49	.5	.52			
24/ 23	2.6	2.3																44	44	.4	.65			
22/ 21	3.6	1.5	.2															46	46	.4	.42			
20/ 19	2.9	.7																21	31	.37	.42			
18/ 17	2.3	.6																25	25	.25	.36			
16/ 15	2.0	.6																22	22	.23	.30			
14/ 13	2.9	.7																31	31	.3	.26			
12/ 11	2.0	.2																19	19	.21	.19			
10/ 9	.7	.2																9	9	.9	.21			
8/ 7	.5	.5																8	8	.5	.16			
6/ 5	.3	.2																5	5	.9	.5			
4/ 3																					.4			
2/ 1	.3																	3	3	.3	.5			
0/ -1	.2																	2	2	.2	.4			
-2/ -3		.1																1	1	.1	.6			
-4/ -5	.2																	2	2	.2	.2			
-6/ -9																					.3			
TOTAL	42.6	54.6	2.7															867	867	867	867			
Element (X)	Σ x ²	Σ x	X	x _r	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.	6934152	77296	89.2	7.042	867	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total												
Dry Bulb	813992	23231	29.1	9.595	867	.5	57.6					93												
Wet Bulb	769254	24546	28.3	9.264	867	.5	61.9					93												
Dew Point	684992	22773	26.3	10.012	867	1.6	69.6					93												

PSYCHROMETRIC SUMMARY

MONTH

90-11
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
58/ 57				.1														1	1					
56/ 55			.2															2	2					
54/ 53		.3																4	4					
52/ 51	.1	.5	.3															9	9	7				
50/ 49		.3		.1														4	4	7				
48/ 47	.2	.2	.2															5	6	3				
46/ 45		1.4	.3															18	16	2				
44/ 43		1.6	.7	.2														24	24	2				
42/ 41	.3	3.0	.6	.2														39	32	24				
40/ 39	.7	3.1	.5															41	41	39				
38/ 37	1.2	4.0	.1															49	49	54				
36/ 35	2.5	7.3	.5															96	96	65				
34/ 33	3.6	8.8	.7															123	123	122				
32/ 31	2.8	7.7	.2															100	100	126				
30/ 29	2.4	4.7	.2															68	68	87				
28/ 27	2.6	3.0	.2															54	54	52				
26/ 25	1.9	2.4																40	40	51				
24/ 23	3.1	4.2	.2															70	70	56				
22/ 21	2.7	2.5	.2															50	50	63				
20/ 19	2.0	.9																27	27	31				
18/ 17	1.8	1.1																27	28	30				
16/ 15	1.6	.2																17	17	22				
14/ 13	1.1	1.0																19	19	14				
12/ 11	1.7	.6																22	22	26				
10/ 9	.6	.2																8	8	10				
8/ 7	.3	.1																4	4	4				
6/ 5	.4	.1																3	5	9				
4/ 3	.2																	2	2	2				
2/ 1	.4																	4	4	4				
0/ -1																								
-2/ -3																				3				
-4/ -5	.1																	1	1	1				
-6/ -7	.2																	2	2	2				
-8/ -9																								
Element (X)	Σ X ²		Σ X		Σ	Σ	Σ	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 72 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

00-72

YEARS

MONTH

24.5 2

090-111
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dev. Point			
-10/-11 TOTAL	34.7	39.1	5.0	.6															934	935	934			

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/IAC

PSYCHROMETRIC SUMMARY

39053 FULDA GERMANY AAF

60-70

YEARS

MONTH

Page 1 1200-14
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL N.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
58/ 57			.1	.2														3	3					
56/ 55		.2		.2														4	4					
54/ 53		.5	.1															5	5		4			
52/ 51		.3	.1	.2														6	6		7			
50/ 49		.2	.1	.2														5	5		4			
48/ 47	.1	.7	.2	.6														15	15		6			
46/ 45	.1	1.1	.2	.2	.3													18	18		1			
44/ 43		1.3	1.3															24	24		13			
42/ 41	.3	4.0	.9															46	46		29			
40/ 39	.2	5.5	.6															57	57		54			
38/ 37	.6	6.3	1.7	.1														76	76		7			
36/ 35	2.3	8.9	2.9	.3														126	126		69			
34/ 33	1.8	7.9	1.4															97	97		121			
32/ 31	3.0	5.9	1.0	.1														88	88		107			
30/ 29	1.1	5.1	.7	.1														62	62		75			
28/ 27	2.3	3.7																52	52		66			
26/ 25	1.9	2.4	.1															39	39		49			
24/ 23	2.2	3.3																48	48		37			
22/ 21	1.0	1.6																23	23		42			
20/ 19	1.3	1.1																23	23		24			
18/ 17	.6	.9																13	14		17			
16/ 15	.6	.6																12	12		9			
14/ 13	.7	.3																10	10		15			
12/ 11	1.0	.3																13	13		13			
10/ 9	.2	.1																3	3		4			
8/ 7	.1	.1																2	2		2			
6/ 5	.1																	1	1		1			
4/ 3																								
2/ 1	.2																	2	2		2			
0/ -1	.1																	1	1		1			
-2/ -3																								
-4/ -5																								
TOTAL	22.2	63.2	11.6	2.6	.3													574	875		874			
Element (X)	Σ x ²		Σ x		Σ x	Σ x	No. Obs.		Mean No. of Hours with Temperature										Total					
Rel. Hum.	6259681		74145		84.8	8.933	874		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb	985926		28373		32.4	8.670	874		.1	41.6					93									
Wet Bulb	898676		27114		31.0	8.117	874		.1	49.5					93									
Dew Point	766709		24719		28.3	8.799	874		.3	61.7					93									

FORM 0-26-5 (OL A) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JAN 61

USAF/ETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ IAC

PSYCHROMETRIC SUMMARY

33053 FULDA GERMANY AAF

60-70

YEARS

MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-19	11-12	13-14	15-16	17-18	19	20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
56/ 55		.1																		1	1				
54/ 53		.5	.1	.1																6	6				
52/ 51	.1	.6	.4																	9	9	5	4		
50/ 49		1.1	.1	.2																12	12	5	4		
48/ 47		.6	.2	.4	.1															11	11	13	9		
46/ 45		.6	.1	.1	.2															9	9	7	5		
44/ 43		1.1	1.2																	19	19	17	17		
42/ 41	.4	2.8	1.3																	45	45	25	25		
40/ 39	.9	5.3	.9																	59	59	59	25		
38/ 37	1.2	6.8	.4	.1																71	70	66	51		
36/ 35	1.2	9.4	.7	.1																94	94	87	66		
34/ 33	3.6	9.4	1.1																	116	116	102	112		
32/ 31	1.6	7.3	.9																	82	82	103	77		
30/ 29	.7	6.8	.7																	67	67	77	81		
28/ 27	2.7	3.4	.1																	51	51	78	66		
26/ 25	.9	3.3	.4																	37	37	36	61		
24/ 23	2.1	2.3																		36	36	47	67		
22/ 21	1.1	1.5																		21	21	37	39		
20/ 19	1.9	1.7																		30	30	27	27		
18/ 17	1.1	1.0																		17	17	22	30		
16/ 15	.4	.4																		6	6	8	16		
14/ 13	.6	.6																		10	10	13	13		
12/ 11	.4	.2																		5	5	6	16		
10/ 9	.1	.3																		5	5	5	6		
8/ 7	.1																			1	1	2	9		
6/ 5																							4		
4/ 3	.4																			2	2	2	3		
0/ -1																							4		
TOTAL	21.7	68.4	8.5	1.1	.4															822	822	822	822		
Element (X)	Σx ²		Σx		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		
Rel. Hum.	6123714		70612		85.9		8.402		822		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total		
Dry Bulb	922396		26678		32.5		8.300		822				42.0										93		
Wet Bulb	848038		25596		31.1		7.882		822				50.2										93		
Dew Point	733521		23523		28.6		9.575		822				58.9										93		

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

35053 FULDA GERMANY AAF

07-7

YEARS

MONTH

PAGE 1 1907-2001
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53		.2																1	1		
52/ 51		.4																2	2		
50/ 49		1.1		.2														7	7		2
48/ 47																					
46/ 45		.6	.6	.2														7	7		4
44/ 43		2.2	.2															12	12		2
42/ 41	.2	2.6	.2															16	16	19	7
40/ 39	1.5	5.0	1.2															42	42	24	20
38/ 37	1.5	5.8	.2															40	40	39	19
36/ 35	.9	8.2	.2															50	50	51	45
34/ 33	2.4	11.9																77	77	60	49
32/ 31	3.2	8.5	.4															65	65	62	47
30/ 29	1.1	5.4																35	35	48	69
28/ 27	2.2	4.6																37	37	39	44
26/ 25	1.7	3.7	.2															31	31	28	31
24/ 23	5.2	3.9																40	49	50	32
22/ 21	2.0	.9																16	16	30	50
20/ 19	1.5	1.1																14	14	14	23
18/ 17	2.2	.2																13	13	14	16
16/ 15	1.7	.2																10	10	10	20
14/ 13	.6	.4																5	5	5	10
12/ 11	.7																	4	4	4	7
10/ 9	.2																	1	1	1	2
8/ 7	.2																	1	1	1	4
6/ 5	.2																	1	1	1	2
4/ 3	.4																	2	2	2	1
2/ 1																					1
0/ -1																					2
TOTAL	29.5	66.8	3.3	.4														539	539	539	539

USAFETAC FORM 0-26-5 (OL A) REVERSED PREVIOUS EDITIONS OF THE FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

64-56

YEARS

MONTH

255

21 - 23
HOURS 11 - 5 - 1

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AFR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

35053 FULDA GERMANY AAF

60-70

STATION		STATION NAME												YEARS														
HRS. (L.S.T.)		JAN		FEB		MAR		APR.		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC		ANNUAL		
00-02	MEAN	33.2	31.0	36.3	40.0	48.7	53.8	56.8	54.0	50.8	45.4	34.2	33.9	43.3														
	S D	6.165	7.044	7.874	4.928	6.296	5.748	4.466	5.767	5.685	6.488	6.824	6.251	11.018														
	TOTAL OBS	185	168	186	186	277	222	189	186	185	186	269	191	2430														
03-05	MEAN	29.7	28.7	33.1	39.2	45.9	51.3	53.9	53.1	49.7	44.2	35.2	29.9	41.5														
	S D	9.363	8.983	7.923	6.513	6.433	5.833	5.359	5.694	6.332	8.028	7.651	8.668	11.704														
	TOTAL OBS	424	395	428	460	545	300	459	459	436	437	466	424	5453														
06-08	MEAN	27.6	29.3	32.6	41.0	48.1	54.8	56.6	54.9	50.0	44.1	35.6	29.1	42.2														
	S D	10.617	10.288	8.368	6.968	6.233	6.212	5.880	5.688	6.938	7.784	7.882	9.595	13.040														
	TOTAL OBS	855	780	882	861	871	871	864	893	855	908	826	867	10333														
09-11	MEAN	28.3	31.2	29.7	47.5	53.3	62.9	64.5	62.5	56.4	48.1	38.6	30.0	47.0														
	S D	10.098	9.675	8.146	8.584	7.288	7.667	7.665	6.697	7.075	7.978	7.582	9.493	15.295														
	TOTAL OBS	873	798	900	878	888	888	880	880	917	915	981	900	935	10733													
12-14	MEAN	31.2	33.4	41.8	52.4	59.4	67.0	68.5	67.5	63.0	54.2	41.6	32.4	51.5														
	S D	8.633	8.654	8.202	9.666	8.138	3.467	8.817	7.610	7.029	8.036	7.514	8.670	15.842														
	TOTAL OBS	855	784	884	869	882	880	872	922	893	933	878	875	10537														
15-17	MEAN	31.4	33.9	42.9	53.3	60.5	67.6	69.4	68.5	63.6	54.6	41.2	32.5	52.1														
	S.D.	8.487	8.340	8.484	9.931	8.244	8.562	9.288	7.934	7.127	8.079	7.500	8.300	16.100														
	TOTAL OBS	890	759	858	840	884	849	843	878	854	919	840	822	10143														
18-20	MEAN	31.2	32.5	39.6	49.0	58.1	64.9	68.9	68.3	59.0	51.1	37.7	31.1	49.6														
	S.D.	8.093	7.288	7.580	9.278	7.883	7.551	8.628	7.314	6.065	6.794	7.041	7.969	15.389														
	TOTAL OBS	542	491	544	562	638	601	588	594	562	573	526	539	6760														
21-23	MEAN	33.2	31.9	38.0	42.9	52.2	58.2	60.5	57.5	53.0	47.3	34.7	34.4	48.6														
	S.D.	6.481	7.111	7.178	4.980	6.479	6.504	6.091	4.924	5.071	7.429	6.280	6.234	11.999														
	TOTAL OBS	187	168	186	180	298	234	188	187	185	186	270	186	2445														
ALL HOURS	MEAN	30.0	32.4	38.0	47.1	56.3	61.8	63.5	62.1	57.1	49.6	38.4	31.1	47.4														
	S.D.	9.303	9.296	8.988	9.982	9.087	9.491	9.310	8.963	8.720	8.932	7.864	8.846	15.138														
	TOTAL OBS	4761	4345	4878	4888	5353	5055	4883	5026	4885	5143	4973	4839	38854														

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

35053 FULDA GERMANY AAF

60-70

STATION		STATION NAME												YEARS	
HRS. (L.S.T.)		JAN.	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	32.3	29.8	34.6	38.3	46.2	51.9	54.7	52.4	49.7	44.1	33.4	32.8	41.8	
	S.D.	5.812	7.249	7.427	4.312	5.651	5.117	4.407	5.287	5.112	7.822	6.431	5.909	10.475	
	TOTAL OBS	184	167	186	186	277	222	189	186	185	186	269	191	2428	
03-05	MEAN	29.0	27.8	31.9	27.8	44.3	50.0	52.7	52.0	48.8	43.2	34.3	29.1	40.3	
	S.D.	9.024	8.393	7.523	6.127	5.860	5.365	5.301	5.397	6.040	7.522	7.141	8.276	11.360	
	TOTAL OBS	432	392	498	460	348	300	489	499	496	437	466	422	5443	
06-08	MEAN	26.8	28.8	31.5	29.3	46.0	52.3	54.3	53.3	46.9	43.2	35.6	28.3	40.9	
	S.D.	10.205	9.855	7.948	6.501	5.345	5.701	5.220	5.179	6.351	7.397	7.388	9.264	12.383	
	TOTAL OBS	850	776	882	861	871	871	864	893	855	908	826	867	10324	
09-11	MEAN	27.3	30.0	34.6	43.6	49.9	50.3	57.8	57.3	53.1	46.1	37.2	29.0	43.7	
	S.D.	9.682	9.171	7.417	6.839	5.367	5.774	5.442	4.824	5.648	7.007	6.970	9.060	13.066	
	TOTAL OBS	869	797	900	878	888	888	880	917	915	981	900	934	10747	
12-14	MEAN	29.8	33.1	37.8	48.9	51.3	57.5	58.9	58.7	55.9	49.7	39.3	31.0	46.0	
	S.D.	8.170	7.803	6.695	6.783	5.310	5.767	5.343	4.753	5.202	6.304	6.599	8.117	12.438	
	TOTAL OBS	838	784	884	869	882	880	872	912	893	953	878	874	10336	
15-17	MEAN	29.9	33.5	38.4	48.1	51.6	57.7	59.0	59.0	56.1	50.2	39.0	31.1	46.2	
	S.D.	8.023	7.511	6.382	6.693	5.397	5.812	5.413	4.717	5.199	6.304	6.532	7.883	12.376	
	TOTAL OBS	820	759	885	840	884	849	843	876	884	919	840	822	10143	
18-20	MEAN	30.2	30.8	26.3	48.3	50.9	56.9	58.4	58.2	54.3	48.4	36.4	30.1	43.1	
	S.D.	7.898	6.836	6.414	6.782	5.442	5.382	5.413	4.801	4.800	6.217	6.410	7.588	12.447	
	TOTAL OBS	842	491	344	862	628	601	388	894	502	973	528	339	6760	
21-23	MEAN	35.0	30.2	23.8	40.1	48.3	54.4	56.4	54.3	51.1	43.4	33.7	33.4	43.2	
	S.D.	6.221	6.931	6.696	4.220	5.329	5.033	4.968	4.393	4.430	7.031	5.877	5.911	10.871	
	TOTAL OBS	187	168	186	180	298	324	188	187	185	186	270	185	2444	
ALL HOURS	MEAN	29.0	30.8	33.3	48.8	49.0	53.3	57.0	56.3	53.0	46.9	36.9	30	43.8	
	S.D.	8.894	8.884	7.380	7.168	6.081	6.172	5.788	5.367	6.233	7.358	7.089	8.407	12.496	
	TOTAL OBS	4749	4334	4873	4336	3233	3033	4883	3036	4888	3143	4973	4824	38828	

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEWPOINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

35053 FULDA GERMANY AAF

60-70

STATION		STATION NAME												YEARS	
HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
00-02	MEAN	30.4	27.2	32.1	36.1	44.0	50.5	53.2	51.2	48.8	42.8	31.9	31.0	40.1	
	S D	6.268	8.080	7.807	4.815	5.947	5.115	4.647	5.261	4.929	7.652	6.674	6.231	10.835	
	TOTAL OBS	184	187	156	186	277	222	189	186	185	185	269	191	2428	
03-05	MEAN	27.1	25.5	29.6	35.9	42.7	48.9	51.7	51.3	48.1	42.3	32.9	27.1	39.0	
	S D	9.784	9.397	8.112	6.608	5.881	5.689	5.453	5.353	5.856	7.389	7.261	8.896	11.938	
	TOTAL OBS	432	392	458	460	545	500	459	459	426	437	446	422	5446	
06-08	MEAN	24.6	25.4	29.3	37.6	44.1	50.6	52.6	52.2	48.1	42.3	34.3	26.3	39.2	
	S D	11.086	10.336	5.490	6.943	5.633	6.008	5.276	5.144	6.161	7.282	7.407	10.013	12.813	
	TOTAL OBS	850	776	882	861	871	871	764	893	595	908	826	867	10324	
09-11	MEAN	25.2	27.5	31.3	39.5	45.1	51.4	53.2	53.7	50.5	44.3	35.3	26.8	40.5	
	S D	10.523	9.843	5.072	7.189	5.916	6.460	5.739	5.171	5.614	6.849	7.033	9.724	12.768	
	TOTAL OBS	889	797	900	878	888	888	880	917	915	981	900	934	10747	
12-14	MEAN	26.8	29.2	32.5	39.1	44.2	50.7	52.3	52.7	50.6	46.0	36.4	28.3	41.0	
	S D	9.164	8.674	7.539	7.417	6.330	6.099	5.932	5.299	6.054	6.287	6.693	8.799	11.833	
	TOTAL OBS	853	764	884	869	882	850	872	912	893	953	878	874	10326	
15-17	MEAN	27.0	29.5	32.5	38.7	43.7	50.6	51.9	52.4	50.8	46.1	36.4	28.8	40.9	
	S D	9.067	8.434	7.430	7.233	6.564	6.466	5.887	5.438	6.166	6.383	6.669	8.775	11.872	
	TOTAL OBS	830	759	853	840	854	849	843	876	884	919	840	822	10143	
18-20	MEAN	27.9	27.8	32.0	37.6	44.6	51.0	52.4	53.2	51.0	46.1	34.7	28.1	41.0	
	S D	8.571	7.800	7.080	7.296	6.234	5.689	5.691	5.403	5.299	6.319	6.334	8.093	11.861	
	TOTAL OBS	842	491	844	1302	688	801	988	994	962	573	526	839	876	
21-23	MEAN	30.0	27.2	32.7	36.8	44.9	51.7	53.7	52.3	49.7	43.3	32.2	21.4	40.7	
	S D	6.780	7.869	7.272	5.108	5.880	5.125	5.220	4.990	4.364	7.343	6.139	6.277	11.044	
	TOTAL OBS	187	168	186	180	298	224	188	187	189	186	270	183	2444	
ALL HOURS	MEAN	28.8	27.8	31.4	38.1	44.1	50.7	52.3	52.6	49.9	44.3	34.9	27.8	40.3	
	S D	9.688	9.331	7.893	7.116	6.138	6.209	5.668	5.324	5.923	6.989	7.061	9.037	12.828	
	TOTAL OBS	4739	4334	4873	4886	3233	3023	4883	5026	4883	5143	4973	4834	38823	

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

35059 FULDA GERMANY AAF

60-70

ALL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	100.0	99.9	99.6	96.8	84.4	42.1	37.3	4749
FEB		100.0	100.0	100.0	99.8	99.2	96.2	88.9	72.6	30.7	84.1	4334
MAR		100.0	100.0	99.8	98.7	96.1	90.4	78.2	57.5	21.7	79.7	4875
APR		100.0	99.9	98.7	95.3	88.2	79.3	68.1	52.0	25.2	76.3	4836
MAY		100.0	100.0	99.3	95.1	85.3	73.5	60.0	42.7	17.1	73.1	5253
JUN		100.0	100.0	99.7	95.6	84.7	73.3	61.4	45.8	21.4	74.0	5035
JUL		100.0	100.0	99.3	95.3	84.9	73.2	60.4	44.8	21.9	73.6	4883
AUG		100.0	100.0	99.5	97.1	89.7	79.0	67.8	53.1	28.3	77.4	5024
SEP		100.0	100.0	99.9	94.0	95.6	87.1	76.7	61.6	38.8	82.2	4885
OCT		100.0	100.0	100.0	99.9	99.0	95.5	87.5	69.3	41.2	83.5	5143
NOV		100.0	100.0	100.0	100.0	99.9	99.1	93.0	84.8	49.8	88.6	4975
DEC		100.0	100.0	100.0	100.0	100.0	99.5	97.3	88.6	43.9	87.9	4834
TOTALS		100.0	100.0	99.7	98.0	92.5	87.1	78.2	63.1	31.8	80.8	58828

USAF ETAC

FORM
JUL 64

0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AFM WEATHER SERVICE/MAC

RELATIVE HUMIDITY

35033 FULDA GERMANY AAF

61-70

JAN

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	94.6	43.5	89.0	184
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.5	93.1	54.4	99.6	432
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	98.7	89.2	47.8	88.7	850
	09-11	100.0	100.0	100.0	100.0	99.9	99.7	98.2	86.4	44.6	88.0	869
	12-14	100.0	100.0	100.0	100.0	99.5	98.6	90.6	68.7	29.7	83.9	855
	15-17	100.0	100.0	100.0	100.0	99.6	98.8	91.7	70.6	28.6	84.0	830
	18-20	100.0	100.0	100.0	100.0	100.0	99.8	96.7	84.5	43.5	87.5	542
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	98.9	87.7	44.9	87.9	187
TOTALS		100.0	100.0	100.0	100.0	99.9	99.8	98.8	84.4	42.1	87.3	4749

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

35053 RULDA GERMANY AAF

61-70

FEB

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	100.0	100.0	99.4	93.4	79.0	35.3	85.8	167
	03-05	100.0	100.0	100.0	100.0	99.7	99.0	91.2	82.0	44.1	87.9	392
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	98.5	88.8	45.9	88.6	776
	09-11	100.0	100.0	100.0	100.0	100.0	99.2	95.2	78.9	38.1	86.4	797
	12-14	100.0	100.0	99.9	99.2	95.0	91.3	75.0	55.0	19.0	79.1	784
	15-17	100.0	100.0	100.0	99.2	96.7	90.8	73.1	50.7	18.4	78.4	759
	18-20	100.0	100.0	100.0	100.0	99.0	96.1	87.6	69.0	27.1	83.2	491
	21-23	100.0	100.0	100.0	100.0	100.0	94.0	89.9	71.4	17.3	83.0	168
TOTALS		100.0	100.0	100.0	99.8	99.2	90	88.9	72.6	30.7	84.1	4334

USAF ETAC

FORM
JAN 64

0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

35089 FULDA GERMANY AAF

61-70

YEAR

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	100.0	100.0	100.0	76.8	75.3	22.0	85.1	186
	03-05	100.0	100.0	100.0	100.0	100.0	99.5	97.5	83.8	39.7	37.2	438
	06-08	100.0	100.0	100.0	100.0	100.0	99.5	97.1	84.7	43.0	87.7	832
	09-11	100.0	100.0	100.0	99.9	98.9	95.2	81.3	60.6	22.8	81.4	900
	12-14	100.0	100.0	99.8	97.1	89.6	74.7	53.8	31.8	8.1	71.1	644
	15-17	100.0	100.0	98.9	94.3	85.1	68.7	48.1	26.4	8.3	68.5	355
	18-20	100.0	100.0	100.0	98.0	95.0	85.2	64.7	42.3	11.4	75.2	544
	21-23	100.0	100.0	100.0	100.0	100.0	99.1	86.0	55.4	18.3	81.6	186
TOTALS		100.0	100.0	99.8	98.7	96.1	90.4	71.2	57.5	21.7	79.7	4875

USAF ETAC

FORM 54

0-87-5 (OL 1)

RELATIVE HUMIDITY

APR

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	100.0	98.4	90.3	78.0	43.0	86.5	186
	03-05	100.0	100.0	99.8	99.6	99.3	97.8	94.8	84.3	50.4	85.3	460
	06-08	100.0	100.0	99.9	99.9	99.7	98.3	94.0	82.6	48.3	88.0	861
	09-11	100.0	100.0	100.0	97.5	91.2	82.0	56.6	44.4	17.1	75.0	878
	12-14	100.0	100.0	96.3	88.0	73.4	56.8	38.1	20.4	6.0	63.4	869
	15-17	100.0	99.6	95.5	84.8	65.7	50.8	24.2	17.9	5.2	60.9	840
	18-20	100.0	99.6	98.0	92.3	79.4	64.2	47.9	29.4	8.3	67.5	562
	21-23	100.0	100.0	100.0	100.0	96.7	88.3	78.9	58.9	22.8	80.1	180
TOTAL		100.0	99.9	98.7	93.3	88.2	79.3	66.1	52.0	25.2	70.3	4836

RELATIVE HUMIDITY

44 Y

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	100.0	97.5	89.9	74.7	16.2	84.1	277
	03-05	100.0	100.0	100.0	100.0	100.0	99.1	96.1	87.3	49.9	89.1	345
	06-08	100.0	100.0	100.0	100.0	99.8	98.4	93.0	74.7	38.7	86.5	871
	09-11	100.0	100.0	97.8	98.2	88.6	72.0	50.6	25.8	8.2	70.1	888
	12-14	100.0	100.0	98.6	86.6	65.3	43.7	26.4	12.2	4.0	59.3	882
	15-17	100.0	100.0	96.6	82.6	57.5	37.1	21.1	10.3	2.5	56.4	854
	18-20	100.0	100.0	99.2	92.9	73.5	51.6	31.8	14.4	3.6	52.3	638
	21-23	100.0	100.0	100.0	100.0	98.0	88.6	70.8	42.3	13.4	77.0	298
TOTALS		100.0	100.0	99.3	95.1	88.3	73.2	60.0	42.7	17.1	73.1	2253

USAF ETAC

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JUL 64

0-87-5 (OL 1)

RELATIVE HUMIDITY

168

STATION

STATION NAME

PERSON

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100,0	100,0	100,0	100,0	99,5	99,1	99,1	86,9	45,5	89,0	222
	03-05	100,0	100,0	100,0	100,0	100,0	100,0	99,8	92,6	62,2	91,7	500
	06-08	100,0	100,0	100,0	100,0	99,8	98,9	92,8	74,5	35,2	86,2	871
	09-11	100,0	100,0	99,9	98,5	87,6	65,3	41,8	20,5	5,7	67,7	888
	12-14	100,0	100,0	99,2	88,5	60,7	36,1	22,3	11,6	2,0	57,9	880
	15-17	100,0	100,0	98,6	82,4	57,2	30,5	22,5	11,2	2,5	56,8	849
	18-20	100,0	100,0	100,0	94,7	73,5	52,4	31,2	15,5	2,5	62,9	601
	21-23	100,0	100,0	100,0	100,0	99,6	94,4	81,3	50,9	13,4	79,8	224
TOTALS		100,0	100,0	99,7	95,6	84,7	73,3	61,4	45,8	21,4	74,0	5035

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

35053 FULDA GERMANY AAF

61-70

JUL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	100.0	96.8	81.0	38.1	87.9	189
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.6	94.8	66.0	92.3	439
	06-08	100.0	100.0	100.0	100.0	99.9	99.5	94.1	76.4	37.0	86.7	864
	09-11	100.0	100.0	100.0	99.0	89.2	68.9	43.6	20.9	6.3	68.4	880
	12-14	100.0	100.0	99.0	89.2	65.1	38.6	22.2	11.8	2.2	56.3	872
	15-17	100.0	100.0	95.8	82.4	54.9	33.7	21.4	11.9	3.9	56.2	843
	18-20	100.0	100.0	98.8	93.4	71.4	47.3	29.1	14.6	5.8	61.8	588
	21-23	100.0	100.0	100.0	100.0	98.9	94.7	76.1	47.3	16.0	79.0	188
TOTALS		100.0	100.0	97.8	85.5	54.9	33.2	20.4	14.8	21.9	73.8	4883

RELATIVE HUMIDITY

AUG
MON

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG.	00-02	100,0	100,0	100,0	100,0	100,0	100,0	100,0	91,9	55,4	90,5	186
	03-05	100,0	100,0	100,0	100,0	100,0	100,0	99,6	97,4	74,5	93,8	459
	06-08	100,0	100,0	100,0	100,0	100,0	99,8	97,6	88,9	56,4	91,0	893
	09-11	100,0	100,0	100,0	98,9	95,3	82,2	60,2	36,0	11,3	74,2	917
	12-14	100,0	100,0	99,3	92,9	72,8	47,4	25,9	12,5	2,5	60,9	912
	15-17	100,0	100,0	97,7	89,3	64,9	41,3	23,8	11,5	2,6	58,8	878
	18-20	100,0	100,0	99,3	95,6	84,7	62,3	41,6	21,5	6,2	66,9	594
	21-23	100,0	100,0	100,0	100,0	100,0	98,4	90,9	64,7	17,6	83,3	187
TOTALS		100,0	100,0	99,3	97,1	89,7	79,0	67,3	53,1	28,3	77,4	5026

RELATIVE HUMIDITY

SEP
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	100.0	98.4	93.5	72.4	93.1	185
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.5	95.9	74.5	94.3	436
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	99.3	93.8	69.0	93.7	855
	09-11	100.0	100.0	100.0	99.9	98.8	93.3	80.8	57.3	27.0	81.9	915
	12-14	100.0	100.0	99.8	97.4	86.6	59.9	36.6	15.6	3.8	65.5	893
	15-17	100.0	100.0	99.4	95.4	83.0	55.6	32.0	14.2	3.9	64.0	854
	18-20	100.0	100.0	100.0	99.5	96.6	87.9	69.4	37.2	9.6	75.8	562
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	97.3	85.4	48.1	89.1	185
TOTALS		100.0	100.0	99.9	99.0	95.6	87.1	76.7	61.6	38.5	82.2	6885

RELATIVE HUMIDITY

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STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	100.0	100.0	100.0	98.9	84.9	59.7	90.8	136
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.8	94.5	70.3	93.5	437
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.6	95.5	70.8	93.6	908
	09-11	100.0	100.0	100.0	100.0	99.9	98.5	92.8	74.5	41.1	87.0	981
	12-14	100.0	100.0	100.0	99.4	96.4	85.4	63.2	34.4	12.1	75.0	953
	15-17	100.0	100.0	100.0	99.5	95.8	81.6	60.4	30.5	11.8	73.5	919
	18-20	100.0	100.0	100.0	100.0	100.0	98.3	90.4	64.4	24.4	83.5	573
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	94.6	76.9	39.3	86.9	186
TOTALS		100.0	100.0	100.0	99.9	99.0	95.5	87.5	69.5	41.2	83.5	5143

RELATIVE HUMIDITY

60-70

STATION

STATION NAME

PERIOD

100
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.3	93.9	63.6	91.4	269
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.9	95.1	61.8	91.4	466
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.5	93.8	62.8	91.5	326
	09-11	100.0	100.0	100.0	100.0	100.0	99.6	96.0	83.6	44.7	88.3	900
	12-14	100.0	100.0	100.0	100.0	99.2	96.0	84.3	62.8	25.5	82.5	978
	15-17	100.0	100.0	100.0	100.0	99.6	97.4	87.6	65.6	28.5	83.7	840
	18-20	100.0	100.0	100.0	100.0	100.0	100.0	96.8	89.4	49.4	88.9	526
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	98.5	91.9	59.3	90.9	270
TOTALS		100.0	100.0	100.0	100.0	99.9	99.1	95.0	84.8	49.5	88.6	124

RELATIVE HUMIDITY

35053
STATION

FULDA GERMANY AAF

60-70

REC
MON

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC.	00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.6	49.7	39.3	191
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.3	93.6	50.5	38.9	422
	06-08	100.0	100.0	100.0	100.0	100.0	99.8	98.3	91.3	52.4	39.2	867
	09-11	100.0	100.0	100.0	100.0	100.0	99.5	97.6	87.2	44.9	38.1	934
	12-14	100.0	100.0	100.0	100.0	99.8	98.3	92.6	74.4	33.4	34.8	874
	15-17	100.0	100.0	100.0	100.0	100.0	98.5	95.1	78.6	35.5	35.9	822
	18-20	100.0	100.0	100.0	100.0	100.0	100.0	98.7	92.2	46.4	36.5	539
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	99.5	95.7	38.4	38.7	185
TOTALS		100.0	100.0	100.0	100.0	100.0	99.5	97.5	88.6	43.9	37.9	4834

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

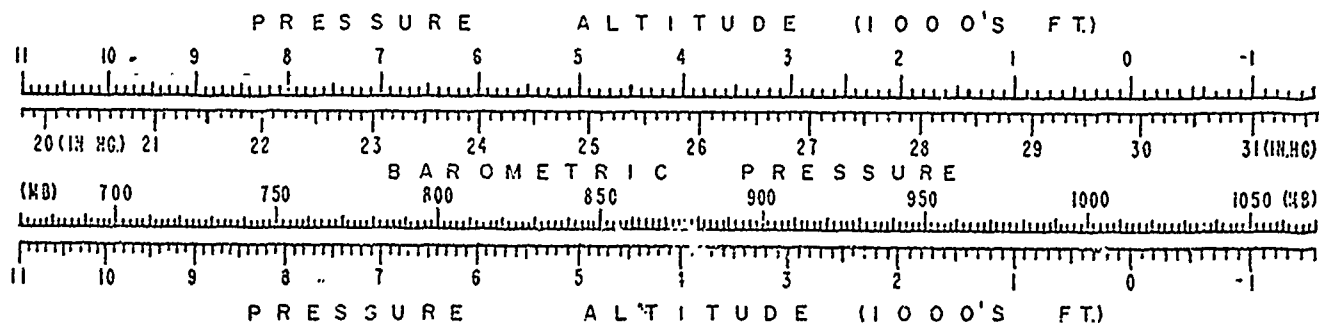
PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of the tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

35053 FULDA GERMANY AAF

60-63,65-70

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB	MAR.	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
01	MEAN	29,000	28,982	28,958	28,904	28,914	29,032	28,980	28,974	28,894	29,024	28,869	28,725	28,935	
	S D	.172	.296	.255	.235	.205	.112	.154	.151	.218	.211	.337	.356	.248	
	TOTAL OBS	31	28	31	32	51	44	46	62	61	62	90	35	583	
04	MEAN	28,588	28,802	28,869	28,886	28,892	28,970	28,993	28,931	28,932	29,035	28,842	28,327	28,909	
	S D	.291	.296	.255	.230	.191	.133	.166	.166	.214	.205	.320	.323	.248	
	TOTAL OBS	118	106	118	121	145	131	130	145	139	135	141	122	1551	
07	MEAN	28,918	28,836	28,908	28,865	28,923	28,986	28,986	28,941	28,974	29,013	28,839	28,875	28,924	
	S D	.315	.324	.293	.246	.178	.160	.165	.162	.195	.243	.299	.345	.257	
	TOTAL OBS	230	209	237	232	236	236	248	274	258	273	248	264	2945	
10	MEAN	28,934	28,850	28,921	28,874	28,928	28,985	28,987	28,950	28,983	28,999	28,850	28,885	28,931	
	S D	.314	.222	.295	.245	.174	.161	.167	.159	.197	.259	.292	.350	.258	
	TOTAL OBS	232	211	238	232	236	236	248	275	278	299	272	281	3038	
13	MEAN	28,927	28,834	28,907	28,864	28,915	28,974	28,974	28,939	28,965	28,989	28,838	28,868	28,918	
	S D	.307	.320	.292	.241	.171	.161	.166	.153	.192	.251	.297	.353	.255	
	TOTAL OBS	223	204	230	228	233	232	243	272	270	288	261	254	2938	
16	MEAN	28,923	28,818	28,887	28,844	28,899	28,958	28,959	28,926	28,948	28,976	28,828	28,861	28,905	
	S D	.302	.314	.287	.238	.171	.161	.163	.148	.189	.246	.296	.347	.251	
	TOTAL OBS	223	203	230	228	234	232	243	270	270	287	261	254	2935	
19	MEAN	28,901	28,814	28,869	28,851	28,882	28,951	28,949	28,917	28,940	28,972	28,856	28,824	28,905	
	S D	.283	.280	.233	.232	.188	.141	.157	.154	.201	.223	.320	.319	.238	
	TOTAL OBS	118	106	117	119	131	146	160	175	169	166	143	120	1690	
22	MEAN	29,824	28,979	28,968	28,906	28,917	29,034	28,967	28,969	28,904	29,020	28,872	28,730	28,938	
	S D	.167	.285	.344	.232	.191	.117	.149	.149	.219	.217	.350	.342	.246	
	TOTAL OBS	32	28	31	30	70	43	46	63	62	62	90	34	391	
ALL HOURS	MEAN	28,924	28,827	28,902	28,858	28,910	28,974	28,974	28,937	28,956	28,999	28,845	28,857	28,918	
	S D	.300	.314	.283	.262	.179	.154	.163	.156	.191	.241	.306	.345	.252	
	TOTAL OBS	1207	1095	1232	1222	1366	1300	1364	1336	1357	1372	1506	1364	16271	

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

33053 FULDA GERMANY AAF

65-67

STATION		STATION NAME												YEARS											
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
01	MEAN	1020.1	1019.2	1018.0	1016.3	1015.4	1019.3	1019.2	1017.1	1015.3	1015.6	1015.6	1009.8	1016.6											
	S D	5.917	10.617	9.059	8.428	7.180	4.118	4.131	5.325	6.616	7.298	12.271	12.470	8.811											
	TOTAL OBS	31	28	31	30	61	44	31	31	30	31	68	34	450											
04	MEAN	1020.2	1018.7	1017.6	1015.9	1015.5	1019.2	1018.9	1016.8	1015.2	1015.1	1015.4	1013.5	1016.5											
	S D	5.768	11.105	9.332	8.682	6.761	4.324	4.093	5.230	6.301	7.391	12.150	12.669	9.004											
	TOTAL OBS	31	28	31	30	61	44	31	31	30	31	68	65	481											
07	MEAN	1020.2	1018.8	1018.0	1016.2	1016.2	1018.5	1016.9	1016.6	1017.6	1013.1	1015.4	1013.4	1016.4											
	S D	5.860	11.371	9.574	8.627	5.591	4.777	4.877	5.501	6.123	7.547	12.156	12.440	8.496											
	TOTAL OBS	31	28	31	30	61	60	62	62	60	62	68	65	620											
10	MEAN	1020.7	1019.5	1018.7	1016.3	1016.3	1018.4	1016.9	1016.8	1018.0	1013.6	1016.1	1013.9	1016.7											
	S D	6.002	11.142	9.118	8.847	6.448	4.697	4.807	5.454	6.099	7.567	12.114	12.383	8.421											
	TOTAL OBS	31	28	31	30	61	60	62	62	60	62	69	65	621											
13	MEAN	1020.2	1018.9	1018.4	1015.6	1015.7	1018.0	1016.3	1016.3	1017.2	1012.9	1015.5	1013.3	1016.1											
	S D	6.373	11.307	8.538	8.424	6.369	4.674	4.708	5.214	6.006	7.545	12.176	12.381	8.378											
	TOTAL OBS	31	26	31	30	61	60	62	62	60	62	69	65	621											
16	MEAN	1020.0	1018.4	1017.5	1014.8	1015.0	1017.5	1015.3	1015.8	1016.6	1012.5	1015.2	1013.1	1015.6											
	S D	6.475	10.443	8.325	8.074	6.413	4.742	4.647	5.186	6.158	7.563	12.320	12.501	8.352											
	TOTAL OBS	31	28	31	30	61	60	62	62	60	62	69	65	621											
19	MEAN	1020.4	1019.0	1018.0	1015.1	1014.9	1017.4	1015.6	1015.3	1016.9	1013.2	1015.7	1013.4	1015.9											
	S D	6.370	10.189	8.480	7.967	6.633	4.709	4.515	5.283	6.807	7.651	12.389	12.677	8.427											
	TOTAL OBS	31	28	31	30	61	60	62	62	60	62	69	65	621											
22	MEAN	1020.7	1019.2	1018.4	1016.1	1015.5	1019.3	1018.7	1017.0	1015.7	1015.3	1015.8	1010.5	1016.7											
	S D	6.221	10.233	8.678	8.192	6.980	4.287	4.094	5.372	6.737	7.817	12.843	12.154	8.856											
	TOTAL OBS	31	28	31	30	61	43	31	31	30	31	69	34	450											
ALL HOURS	MEAN	1020.3	1019.0	1018.1	1015.8	1015.6	1018.3	1016.8	1016.4	1016.8	1013.6	1015.6	1013.0	1016.3											
	S D	6.046	10.644	8.733	8.324	6.643	4.606	4.699	5.312	6.245	7.561	12.252	12.442	8.566											
	TOTAL OBS	248	224	248	240	488	431	403	403	390	403	549	458	445											